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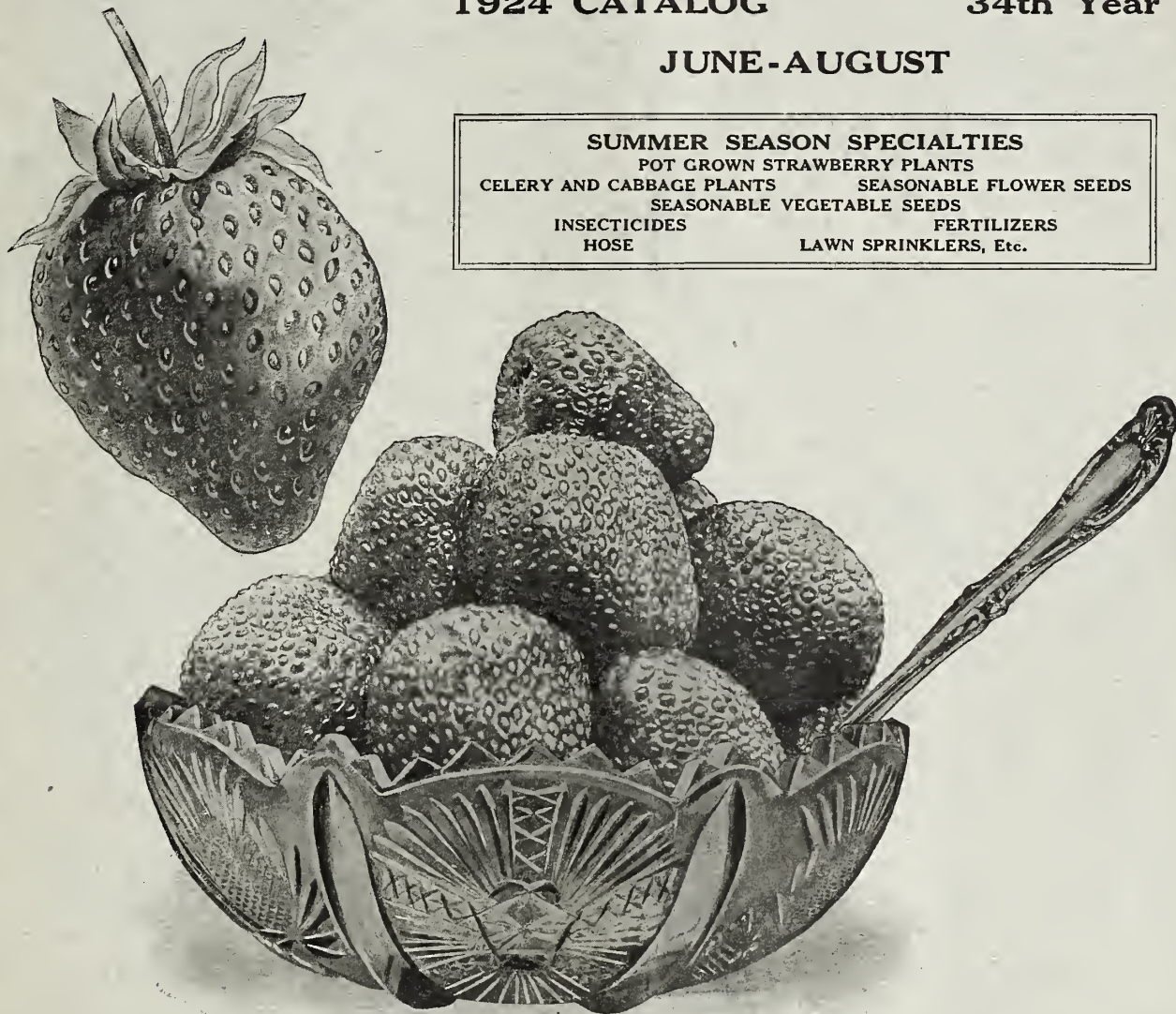
1924 CATALOG

34th Year

JUNE-AUGUST

SUMMER SEASON SPECIALTIES

POT GROWN STRAWBERRY PLANTS	SEASONABLE FLOWER SEEDS
CELERY AND CABBAGE PLANTS	SEASONABLE VEGETABLE SEEDS
INSECTICIDES	FERTILIZERS
HOSE	LAWN SPRINKLERS, Etc.



NEW EARLY STRAWBERRY "PREMIER"

We consider this one of the very best early varieties in cultivation. It is a vigorous grower and succeeds on almost all sorts of soils if well drained. The plants are enormously productive, commencing early and bearing through a long season. The

berries are of good size and beautiful in appearance, having a glossy rich red color extending clear through; the flavor is delicious. Price, Pot-grown plants, \$1.25 per doz.; per 100, \$7.00; \$60.00 per 1000.

See pages 2 and 3 for other varieties of Strawberries.

Henry F. Michell Co.

518-516 MARKET ST.

PHILADELPHIA, PA.

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OUTSIDE OF THE
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NURSERIES AND PLANT HOUSES, ANDALUSIA, PA.

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MICHELL'S POT-GROWN STRAWBERRY PLANTS

EXTRA SELECTED STOCK—STRONG AND WELL ROOTED. WILL YIELD A FULL CROP OF BERRIES NEXT SEASON. READY ABOUT JULY 15TH.

The time of shipment is from July 15th to September 15th. The advantages in planting pot-grown strawberry plants are realized by a full crop of berries the following year. Our plants are carefully grown in clay pots and prior to shipment are taken out of the pots with the original ball of earth at their roots and well wrapped in paper in which they are forwarded, thus insuring the buyer getting them in first-class order and reducing the transportation charges about 25 per cent.

CULTURAL NOTE ON STRAWBERRIES

Strawberries delight in good rich soil that has had plenty of manure added to it. The plants should be set 12 to 15 inches apart in rows 2 feet apart. A row 100 feet long requires approximately 75 to 100 plants or about 14,500 per acre. If the weather is dry when planting, water well at the time and for a few days thereafter, if it is possible. Press the soil well around the ball when planting, and keep the soil well cultivated, cutting off all runners that may form. At the approach of permanent winter it pays to cover the entire bed to a depth of 2 inches with clean straw or salt hay. This protects the plants during severe weather. Do not use leaves, as they hold the moisture and cause damage to the plants in winter. At the approach of spring, rake the covering from the plants proper and leave it between the rows; this will serve as a mulch during the summer, protecting against drought, and also keeping the fruit more free from sand; at the same time to a large measure controls the growth of weeds.

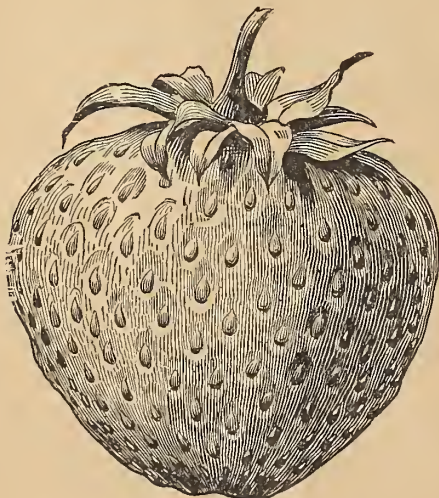
EARLY VARIETIES

Campbell's Early (*Perfect*). An extra early variety of great merit; a vigorous grower, producing enormous crops of large, rich, red berries. Practically all the fruit grows to full size; a fine commercial sort.

Early Jersey Giant (*Perfect*). Pre-eminently the finest of the early varieties. It is brilliant scarlet-crimson in color, and exceptionally firm, by far the firmest of all early sorts. Berries very large, conical with pointed tip; has delightful aroma and rich, mild strawberry flavor. A very heavy yielder.

Premier (*Perfect*). This variety has no weak points, it is a vigorous grower, doing well on all types of soil. The plants are enormously productive, commencing early and bearing through a long season. The berries are beautiful in appearance, having a glossy rich red color extending clear through, and a bright green cap; the flavor is delicious. We consider this one of the very best berries in cultivation.

Senator Dunlap (*Perfect*). This grand Strawberry will please the most critical person. One of the first to yield and continues well into the height of the season. Fruit bright red, glossy and very attractive. It cannot be recommended too highly.



William Belt



A husky developed specimen like this can't fail but give satisfaction

MID-SEASON VARIETIES

Big Joe (*Perfect*). The merits of this splendid variety are great vigor of plant, splendid root system, exceptional productiveness, large size of fruit, excellent flavor, and length of bearing season. The berries are perfect beauties, of very uniform, conical shape, rich red in color. In size the berries are not surpassed by those of any other variety grown, while the flavor is superior to that of most large fruited sorts.

Brandywine (*Perfect*). One of the finest of mid-season sorts; it has not a single defect. The plants are of extra strong constitution and growth, doing well everywhere. Fruit extra large, heart-shaped; color, bright, rich red.

Marshall (*Perfect*). An old variety very highly esteemed. The plant is of vigorous growth and healthy foliage when grown upon fertile soil. Berries are large, of rich quality and meaty texture.

William Belt (*Perfect*). Chosen for its popularity because of the many good qualities embodied in this one variety. The plant is vigorous, though not a rampant grower; succeeds on all soils, invariably yields heavily, and continues for a long period; the berries are always of large size and highest quality; deep crimson in color and very firm. Continues to bear until almost the close of the season.

Price of Pot-grown Strawberries on this page \$1.25 per dozen; per 100, \$7.00; \$60.00 per 1000.

NOTE—Layer Plants of any of the above varieties, usually ready in October, depending upon the season, at 75c. per dozen; 25 for \$1.00; \$1.50 per 50; per 100, \$2.00; \$4.75 for 250; per 1000, \$17.50. If wanted by Parcel Post add 10c. per doz. or 25c. per 100 for postage. Larger quantities travel best by express.

LATE SEASON VARIETIES

Chesapeake (Perfect). This is a wonderful berry, especially with high culture upon good loamy soil. The berries are uniform in size and shape, the prevailing form being heart-shaped; the color is bright crimson and the flesh firm and of good quality; plants vigorous and healthy, with large foliage.

Gandy's Prize (Perfect). This variety is known to most every berry grower as one of the best late sorts. It is very large, solid and of a beautiful crimson color; especially good for family garden planting.

Sharpless (Perfect). One of the old timers, but a variety of real merit; plants very vigorous and hardy; very productive; fruit large, firm, crimson in color and of good quality.

Stevens' Late Champion (Perfect). "Very large; fine flavored; bright color; good shipper; heavy yielder; good fruit stem." This berry has averaged 7556 quarts per acre. It has been tested on all kinds of soil and will grow successfully where any strawberry will grow. It will stand a drought better than any other berry ever grown in this section. It has never shown any sign of rust.

Price of Pot-grown Late-Season Varieties Strawberries, \$1.25 per dozen; per 100, \$7.00; \$60.00 per 1000.

NOTE—Layer plants of any of the above varieties, usually ready in October, depending upon the season, at 75c. per doz.; 25 for \$1.00; \$1.50 for 50; per 100, \$2.00; \$4.75 for 250; per 1000, \$17.50. If wanted by Parcel Post add 10c. per doz. or 25c. per 100 for postage.

BOOKS ON THE CULTURE OF THE STRAWBERRY, ETC.

- Berry Book (*Biggle*).....\$0.50
- Fruit Culturist, American (*Thomas*) 3.50
- Fruit Garden (*Barry*)..... 2.25
- Home Fruit Grower. Cloth..... 1.50
- Paper..... 1.00
- Principles of Fruit Growing (*Bailey*) 2.50
- Small Fruit Culturist (*Fuller*)..... 1.60
- Strawberry Culture (*Fuller*)..... .40

See Special Cultural Note on Page 2



Type of Ever-bearing Strawberries

AUTUMN FRUITING OR EVER-BEARING STRAWBERRY PLANTS

This type, while producing its main crop of berries with the general sorts, continues uninterruptedly to mature its fruit, until checked by hard frosts; it has actually been known to bear strawberries until Christmas, when the weather is open and mild. In order to get the greatest crop of berries late, the blossoms should be kept cut off until August 1st, so as to conserve the energies of the plants for the fall crop. The plants must not be allowed to suffer for water in the fruiting season and a mulch of well rotted cow manure will be found of great advantage.

All Season. A new variety and one of the most valuable ever produced. It begins bearing in June and continues to bear large quantities of berries right through the summer and fall. The berries are large, somewhat cone shaped and of fine quality. Price, pot grown plants, \$3.00 per doz.; per 100, \$17.50.

Progressive. The berries are medium in size and delicious in quality. You can get fruit a few weeks after the plants are set and they continue to bear until freezing weather. Price, pot grown plants, \$1.35 per doz.; per 100, \$8.00; \$70.00 per 1000.

LAYER PLANTS usually ready in October, depending on the season.

All Seasons. \$1.25 per doz.; 25 for \$2.00; \$3.50 for 50; per 100, \$6.00.

Progressive. 75c. per doz.; 25 for \$1.00; \$1.50 for 50; per 100, \$2.75; \$6.00 for 250; per 1000, \$22.50.

MICHELL'S SPECIAL GRADE BONE MEAL

An excellent fertilizer to use when planting strawberries; about a teaspoonful to a plant. 25 lbs., \$1.40; \$2.50 per 50 lbs.; 100 lbs., \$4.00; \$7.50 per 200 lbs.



Stevens Late Champion

MICHELL'S SEASONABLE VEGETABLE PLANTS



EXTRA STRONG CELERY PLANTS

(Ready About July 10)

A WORD ON CELERY CULTURE.—Celery delights in a good, rich, moist soil. Locations where the soil may become dry should be avoided. Nothing is more beneficial or so little work as the watering of celery during periods of drought. After it has been transplanted and made some growth, the plants should be set in permanent rows 6 to 8 inches apart in the row. Many private gardeners prefer to use the two-row system of trenches, it will be found very advantageous to work. If the idea of the market gardener is carried out, the celery is planted in single rows about 2 feet apart, 6 or 8 inches apart in the row. By the former method the celery is usually banked up to blanch until almost entirely covered with soil; the top is then covered with leaves or other litter as winter approaches. In the single-row system the celery is banked up gradually to blanch, and after this process is over, at the approach of winter it is dug up and laid in shallow trenches after being cleaned. Storing for winter is done by covering it with waterproof celery paper and topping off with soil or leaves. The celery may thus be gotten out for market during the severest weather. Good cultivation is highly necessary during the growing period.

French Golden Self-Blanching. An early sort. The heart is a rich golden-yellow, with light yellowish-green outer leaves.

Giant Pascal. One of the largest stalked kinds. It is in its prime for use during February and March, and can be used well up into spring.

White Plume. The White Plume is unsurpassed for fall and early winter use, requiring very little earthing to blanch it.

Winter Queen. This variety grows a very thick, solid and heavy stalk, and has a large heart. It is a close, compact grower, and when blanched is a creamy-white color

Price of any of above Celery Plants, 75c. per 100 (by mail, 90c.); 500 for \$3.25; \$6.00 per 1000.

We cannot supply less than 50 celery plants of any one variety.

BRUSSELS SPROUTS PLANTS

(Ready from July 1st to August 15th)

Matchless Improved. The plants should be well cultivated and kept free from insects. When heads begin to crowd, the lower leaves should be broken from the stem of the plant to give them plenty of room. 25 for 25c. (by mail, 30c.); 75c. per 100 (by mail, 85c.); per 1000, \$6.00.



Late Flat Dutch Cabbage

CABBAGE PLANTS

Danish Ballhead. Unequaled for keeping qualities, massiveness and weight of heads.

Late Flat Dutch. A short stemmed, large, flat-headed variety; very solid; keeps the entire winter when buried in cellars or pits.

Red Dutch Drumhead. This cabbage is very sweet and should be used more largely. It is an excellent winter keeper.

Price of any of above Cabbage Plants, 25 for 25c. (by mail, 30c.); 60c. per 100 (by mail, 75c.); per 1000, \$5.00.

We cannot supply less than 25 cabbage plants of a variety.

THE BALL CELERY BLEACHER

A practical, inexpensive device for bleaching celery early; made of stiff, heavy paper. If the tubes are to be left on the plants all winter and the soil drawn around them, you get celery clean and sweet.

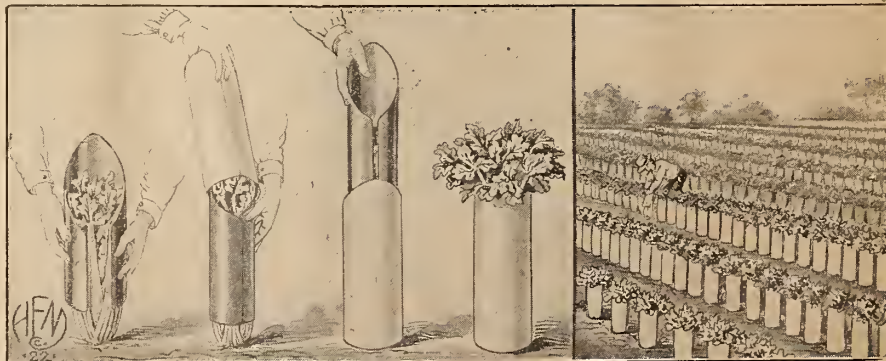
		Per 50	By Mail	By 100	By Mail	By 1000
No. 1.	6 x 12 in.	\$1.75	\$1.90	\$3.00	\$3.20	\$26.00
No. 2.	6½ x 13 in.	2.25	2.40	3.75	4.00	32.00
No. 3.	7 x 14 in.	2.50	2.70	4.00	4.35	35.00

BALL CELERY HANDLER

Brass, \$3.50 each. Tin, \$1.75 each.

CELERY PAPER

For winter protection; 500 sq. ft. per roll. Price upon application.



Ball Celery Bleacher

MICHELL'S RELIABLE BULBS

FOR WINTER AND EARLY SPRING BLOOMING

Send us your order now and the bulbs will be forwarded as soon as they reach us. Our General Bulb Catalog will be ready September 1st, and will contain a complete list of Bulbs for fall planting.

(Dutch Hyacinth Bulbs ready in September) SINGLE FIRST SIZE HYACINTHS

If wanted by Parcel Post, add 15c. per doz. for postage.

	Each	Doz.	100
City of Haarlem. Golden yellow	\$0.20	\$2.00	\$12.00
Gertrude. Deep rose	.20	2.00	12.00
Gigantea. Flesh pink	.20	2.00	12.00
Grand Maitre. Bright porcelain	.20	2.00	12.00
King of Blues. Deep blue	.20	2.00	12.00
King of Yellows. Orange yellow	.20	2.00	12.00
Lady Derby. Delicate pink	.20	2.00	12.00
La Grandesse. Snow white	.20	2.00	12.00
La Victoire. Bright scarlet	.20	2.00	12.00
L'Innocence. Pure white	.20	2.00	12.00
Marconi. Red shaded white	.20	2.00	12.00
Moreno. Bright pink	.20	2.00	12.00
Perle Brilliante. Light blue	.20	2.00	12.00
Queen of the Blues. Silvery blue	.20	2.00	12.00
Queen of Pinks. Brilliant pink	.20	2.00	12.00
Roi des Belges. Deep red	.20	2.00	12.00
Yellow Hammer. Pure yellow	.20	2.00	12.00

CHOICE BEDDING HYACINTHS (Unnamed) SINGLE AND DOUBLE FLOWERING

If wanted by Parcel Post, add 10c. per doz., 60c. per 100, for postage.

	Each	Doz.	100	1000
Deep Pink	\$0.12	\$1.00	\$6.25	\$52.50
Dark Red	.12	1.00	6.25	52.50
Pure White	.12	1.00	6.25	52.50
Light Blue	.12	1.00	6.25	52.50
Deep Blue	.12	1.00	6.25	52.50
Yellow	.12	1.00	6.25	52.50
Mixed. All colors	.12	1.00	6.25	52.50

SECOND SIZE SINGLE HYACINTHS

For bedding, or forcing in pots and pans.

If wanted by Parcel Post, add 10c. per doz., 75c. per 100, for postage.

	Each	Doz.	100
City of Haarlem. Golden yellow	\$0.15	\$1.50	\$9.50
Gertrude. Deep rose	.15	1.50	9.50
Gigantea. Flesh pink	.15	1.50	9.50
Grand Maitre. Bright porcelain	.15	1.50	9.50
King of Blues. Deep blue	.15	1.50	9.50
King of Yellows. Orange yellow	.15	1.50	9.50
Lady Derby. Delicate pink	.15	1.50	9.50
La Grandesse. Pure white	.15	1.50	9.50
La Victoire. Bright scarlet	.15	1.50	9.50
L'Innocence. Pure white	.15	1.50	9.50
Marconi. Red shaded white	.15	1.50	9.50
Moreno. Bright pink	.15	1.50	9.50
Nimrod. Deep rose	.15	1.50	9.50
Perle Brilliante. Light blue	.15	1.50	9.50
Queen of the Blues. Silvery blue	.15	1.50	9.50
Queen of Pinks. Brilliant pink	.15	1.50	9.50
Roi des Belges. Deep red	.15	1.50	9.50
Yellow Hammer. Pure yellow	.15	1.50	9.50

DOUBLE FIRST SIZE HYACINTHS

If wanted by Parcel Post, add 15c. per doz. for postage.

	Each	Doz.	100
Blocksborg. Light blue	\$0.20	\$2.00	\$12.00
Bouquet Tendre. Dark carmine	.20	2.00	12.00
Delicata. Pale blue	.20	2.00	12.00
Garrick. Blue, dark center	.20	2.00	12.00
Lord Wellington. Rich pink	.20	2.00	12.00
Prince of Waterloo. Pure white	.20	2.00	12.00
Sunflower. Pure yellow	.20	2.00	12.00

NAMED EXHIBITION HYACINTHS

A selection of the largest possible bulbs to be obtained; we offer them in single varieties only.

If wanted by Parcel Post, add 15c. per doz. for postage.

	Each	Doz.	100
Gertrude. Deep rose	\$0.25	\$2.50	\$15.00
Grand Maitre. Porcelain blue	.25	2.50	15.00
King of Blues. Deep blue	.25	2.50	15.00
Lady Derby. Delicate pink	.25	2.50	15.00
La Grandesse. Snow white	.25	2.50	15.00
La Victoire. Bright scarlet	.25	2.50	15.00
Marconi. Red shaded white	.25	2.50	15.00
Perle Brilliante. Light blue	.25	2.50	15.00
Queen of Pinks. Brilliant pink	.25	2.50	15.00
Roi des Belges. Deep red	.25	2.50	15.00
Yellow Hammer. Pure yellow	.25	2.50	15.00



Michell's Monster White Roman Hyacinths

FRENCH ROMAN HYACINTHS (Ready in August)

French Roman Hyacinths afford a continuous supply of bloom from early winter until late in spring if planted in succession (two weeks apart). They are very fragrant.

Easily grown in pots or pans; if bulbs are potted in August or September, the pots plunged in the open ground for a month, until well rooted, and then brought in the house, they can be had in flower in November or December, and a continuous supply of flowers may be had, by bringing in a few pots or pans at intervals of about 2 weeks. The bulbs should be planted quite close together, a 6-inch pot or pan will be sufficiently large for six bulbs. They are hardy and are not suitable for outdoor planting.

If wanted by Parcel Post, add 10c. per doz., 50c. per 100, for postage

	Each	Doz.	100
White. Extra select, size 12-15 cm.	\$0.20	\$1.75	\$12.00
" Mammoth, 13-15 cm.	.25	2.00	15.00
Light Blue	.15	1.50	10.00
Light Pink	.15	1.50	10.00
White Italian	.15	1.50	10.00

MICHELL'S RELIABLE BULBS

MINIATURE, OR DUTCH ROMAN HYACINTHS

Excellent for growing in pans, boxes or pots, blooming early and freely.

If wanted by Parcel Post, add 10c. per doz., 30c. per 100, for postage.

	Each	Doz.	100	1000
Gertrude. Deep pink.....	\$0.10	\$0.85	\$5.50	\$50.00
Gigantea. Light pink.....	.10	.85	5.50	50.00
Grand Maitre. Bright blue.....	.10	.85	5.50	50.00
King of the Blues. Deep blue....	.10	.85	5.50	50.00
Lady Derby. Delicate pink.....	.10	.85	5.50	50.00
La Grandesse. Pure white.....	.10	.85	5.50	50.00
La Victoire. Beautiful bright scarlet	.10	.85	5.50	50.00
L'Innocence. Pure white.....	.10	.85	5.50	50.00
Marconi. Bright red, shaded white..	.10	.85	5.50	50.00
Nimrod. Clear pink.....	.10	.85	5.50	50.00
Perle Brilliante. Light blue.....	.10	.85	5.50	50.00
Roi des Belges. Fine deep crimson..	.10	.85	5.50	50.00
Yellow Hammer. Pure yellow.....	.10	.85	5.50	50.00

CHRISTMAS FLOWERING DUTCH ROMAN HYACINTHS

(Ready in August)

These specially prepared Hyacinths are peculiarly adapted for pot culture and early flowering. Can be made to bloom just at holiday season.

If wanted by Parcel Post, add 10c. per doz., 50c. per 100, for postage.

	Each	Doz.	100	1000
Bismarck. Light sky blue.....	\$0.12	\$1.25	\$8.00	\$70.00
Garibaldi. Brilliant carmine.....	.12	1.25	8.00	70.00
Gertrude. Deep pink.....	.12	1.25	8.00	70.00
L'Innocence. Pure white.....	.12	1.25	8.00	70.00
Nimrod. Deep rose.....	.12	1.25	8.00	70.00
Yellow Hammer. Pure yellow....	.12	1.25	8.00	70.00



Miniature or Dutch Roman Hyacinths

SINGLE EARLY TULIPS

(Tulip Bulbs ready in September)

We have affixed in front of the varieties figures denoting the approximate height.

If wanted by Parcel Post, add 10c. per doz., 25c. per 100, for postage.

	Doz.	100	1000
8 Artus. Scarlet.....	\$0.65	\$3.75	\$32.00
8 Belle Alliance. Rich scarlet.....	.85	5.25	45.00
12 Brilliant Star. Brilliant scarlet.....	1.10	7.25	65.00
11 Cardinal Rampollo. Yellow, bordered orange.....	1.00	6.50	57.50
10 Chrysolora. Golden yellow.....	.75	4.25	36.00
10 Couleur de Cardinal. Scarlet.....	1.00	6.75	60.00
10 Cramoise Brilliant. Scarlet.....	.65	3.75	30.00
12 Duchess de Parma. Orange scarlet, yellow border.....	.85	5.25	45.00
7 Duc. v. Thol. Scarlet.....	.70	4.25	37.50
7 Duc. v. Thol. Cochineal. Vermilion..	.70	4.25	33.75
12 Flamingo. Bright pink, shaded deeper..	.85	5.50	48.00
12 Fred. Moore. Bright orange, shaded scarlet.....	.75	4.75	40.00
10 Herman Schlegel (Primrose Queen). Pale yellow.....	.60	3.50	28.00
9 Joost v. Vondel White (Lady Boreel)..	.75	4.75	40.00
12 Kaiserkroon. Red, gold border.....	1.00	6.50	57.50
10 La Reine. White.....	.60	3.50	27.00
10 McKinley. Rose, shaded carmine....	.75	4.75	40.00
10 Mon Tresor. Golden yellow.....	.75	4.75	40.00
12 Pink Beauty. Rich pink.....	1.25	8.25	75.00
12 Prince of Austria. Orange scarlet....	.85	5.25	45.00
8 Proserpine. Glossy pink.....	1.20	7.75	70.00
8 Prosperity. Rose pink.....	.75	4.75	40.00
10 Rose Luisante. Deep pink.....	1.10	7.25	65.00
10 Vermilion Brilliant. Rich scarlet....	1.10	7.25	65.00
12 White Hawk. Pure white.....	.85	5.25	45.00
9 Wouverman. Violet.....	.75	4.75	40.00
8 Yellow Prince. Golden yellow.....	.70	4.50	37.50



Early Single Tulip "Pink Beauty"

TULIPS IN SEPARATE COLORS UNNAMED, SINGLE AND DOUBLE (For Bedding Only)

	Doz.	100	1000
Pink, in all shades.....	\$0.60	\$3.25	\$24.00
Red and Scarlet, in all shades.....	.60	3.25	24.00
White, in all shades.....	.60	3.25	24.00
Yellow, in all shades.....	.60	3.25	24.00

SINGLE TULIPS IN MIXTURE

	Doz.	100	1000
Early Varieties, Superfine Quality.....	\$0.60	\$3.25	\$25.00

MICHELL'S RELIABLE BULBS

The figures in front of the variety denotes the approximate height. Tulip Bulbs ready in September.
If Tulip Bulbs are wanted by Parcel Post, add 15c. per doz., 30c. per 100, for postage.

DOUBLE EARLY TULIPS

	Doz.	100	1000
10 Boule de Neige. Pure white.....	\$0.85	\$5.50	\$48.00
10 Couronne des Roses. Deep rose.....	.85	5.50	48.00
12 Couronne d'Or. Rich yellow.....	.85	5.25	45.00
9 Gloria Solis. Red, bordered yellow....	.75	4.75	40.00
10 Imperator Rubrorum. Brilliant scarlet	1.00	6.00	55.00
12 Le Matador. Brilliant scarlet.....	.75	5.25	45.00
14 Lucretia. Deep pink.....	.75	4.75	40.00
10 Mr. Van der Hoef (Yellow Murillo). 1.00	6.25	57.50	
7 Murillo. Pink, suffused white.....	.65	4.00	32.00
8 Rubra Maxima. Dazzling scarlet.....	.75	4.75	40.00
10 Salvator Rosa. Deep rose.....	.85	5.75	50.00
12 Schoonoord (White Murillo). Pure white	.80	5.50	47.50
12 Tea Rose. Sulphur, shading to orange...	.75	4.75	40.00
8 Toreador. Rich orange.....	1.20	7.75	70.00
8 Tournesol, Red and Yellow.....	.85	5.75	50.00
12 Vuurbaak. Dazzling scarlet.....	1.00	6.75	60.00

DOUBLE MIXED TULIPS

	Doz.	100	1000
Early Varieties, Superfine Quality.....	\$0.60	\$3.25	\$25.00

DARWIN TULIPS

These are a class that bloom after the other Tulips have flowered.

	Doz.	100	1000
28 Ariadne. Fiery, scarlet red.....	\$1.00	\$6.00	\$50.00
26 Baronne de la Tonnaye. Rose pink, mar-			
gined blush.....	.85	5.00	40.00
14 Bartigon. Fiery red.....	1.00	6.00	50.00
20 Clara Butt. Soft rose, fine forcer.....	.70	4.00	32.50
24 Faust. Deep purple violet.....	1.00	6.25	55.00
23 Glow. Scarlet, margined white.....	.85	5.75	50.00
18 Gretchen. Soft salmon rose.....	.70	4.00	34.00
26 La Tristresse. Violet, white base.....	.85	5.00	40.00
25 La Tulipe Noire. Almost true black....	.85	5.50	45.00
24 Le Notre. Beautiful pink.....	1.20	7.75	70.00
26 Mme. Krelage. Rosy lilac.....	.85	5.50	45.00
24 Mr. Farncombe Sanders. Scarlet....	.85	5.50	45.00
28 Mrs. Potter Palmer. Deep purple.....	.65	4.00	32.00
26 Petrus Hondius. Bright carmine rose...	1.10	7.25	65.00
24 Phillippe de Commynes. Purple.....	.75	4.75	40.00
24 Pride of Haarlem. Glossy pink.....	.70	4.00	33.00
22 Princess Elizabeth. Purplish rose....	1.25	8.00	70.00
24 Prof. Rawenhoff. Cherry rose, white			
and blue star at base.....	1.00	6.75	60.00
26 Psyche. Light rose.....	.75	4.25	37.50
20 Rev. H. Ewbank. Light heliotrope....	.70	4.00	33.00
20 Sultan. Very dark, almost black....	.75	4.25	37.50
25 Suzon. Soft salmon rose.....	.75	4.75	40.00
24 Wally Moes. Silvery heliotrope.....	1.20	6.75	60.00
14 W. Copeland. Delicate lavender.....	.85	5.50	48.00
22 White Queen. Creamy white, tinted rose	.75	5.00	42.50
24 Wm. Pitt. Fiery red, blue center.....	1.20	8.00	75.00
Darwin Mixed. All colors.....	.60	3.50	28.00

BREEDER TULIPS

A May-flowering type, similar to the Darwins.

	Doz.	100	1000
24 Abdel Kader. Bronze.....	\$1.25	\$9.00	\$80.00
25 Afterglow. Apricot orange, yellow border	1.75	12.00	100.00
25 Apricot. Apricot orange.....	1.20	6.75	60.00
24 Aspasia. Wine red, shaded purple....	.90	6.00	52.50
24 Bronze Queen. Buff, tinged bronze....	.75	5.00	40.00
28 Cardinal Manning. Wine red, flushed			
rosy brown.....	1.00	5.50	48.00
24 Copernicus. Bronzy brown.....	1.25	7.00	62.50
24 Dom Pedro. Brown, shaded maroon...	1.20	6.75	60.00
25 General Ney. Olive and bronze.....	.75	4.75	40.00
24 Godet Parfait. Violet blue.....	1.20	8.00	75.00
21 Jaune d'Oeuf. Rosy lilac, yellow			
bordered.....	.75	4.75	40.00
25 La Harpe. Bluish violet.....	1.25	7.50	65.00
24 Louis XIV. Purple and bronze, 30c. each	3.00	22.50	
24 MacMahon (Turenne). Purplish brown,			
margined yellow.....	1.00	6.75	60.00
24 Panorama (Fairy). Reddish mahogany..	.90	6.00	50.00
24 Prince of Orange. Golden orange.....	1.10	6.50	60.00
24 Yellow Perfection. Bronze yellow....	.85	5.25	45.00
Breeder Tulips Mixed.....	.75	4.00	32.00



May Flowering or Cottage Garden Tulips

COTTAGE GARDEN OR LATE TULIPS

All single flowering except where noted.

	Doz.	100	1000
20 Aurora. Orange yellow.....	\$1.00	\$6.00	\$50.00
19 Blue Flag (Double). Violet blue.....	.75	4.25	36.00
20 Fairy Queen. Rosy heliotrope, mar-			
gined yellow.....	.65	4.00	30.00
24 Gesneriana Lutea. Rich yellow.....	.75	4.25	36.00
24 Gesneriana Spathulata. Rich scarlet,			
blue-black centre.....	.70	4.00	32.50
18 Golden Crown. Yellow, red margin...	.75	4.25	36.00
16 Inglescombe Scarlet. Brilliant ver-			
milion, with black centre.....	.75	4.25	36.00
16 Inglescombe Pink. Salmon pink....	.75	4.25	35.00
16 Inglescombe Yellow. Bright yellow...	.75	4.25	35.00
18 John Ruskin. Orange and salmon....	.85	5.50	48.00
24 Moonlight. Canary yellow.....	.80	5.00	42.00
24 Mrs. Moon. Large orange yellow.....	1.00	6.50	57.50
20 Picotee (Maiden's Blush). White with			
distinct pink edged border.....	.75	4.25	36.00
20 Rosetta. Carmine pink.....	.85	5.25	45.00
15 Royal White. Pure white.....	1.00	6.25	55.00
12 Sarah Bernhardt (Hobbema or Le Reve).			
Exquisite soft rose.....	1.10	7.25	65.00
May Flowering Tulips (Single). Mixed	.60	3.25	26.00

PARROT OR DRAGON TULIPS

	Doz.	100	1000
Constantinople. Orange red, marked			
brown.....	\$0.70	\$4.00	\$32.50
Lutea Major. Bright yellow.....	.70	4.00	32.50
Markgraaf of Baden. Yellow, striped scar-			
let and green.....	.70	4.00	32.50
Mixed. All colors.....	.60	3.50	27.50

REMBRANDT TULIPS

These belong to the Darwin class; flowers striped and variegated. Height, 18 to 22 inches

	Doz.	100	1000
Bougainville. Amaranth blue, striped white.	\$0.90	\$6.00	\$50.00
Red Prince. Rose, flamed scarlet.....	.90	6.00	50.00
Salome. Carmine rose with white markings	.90	6.00	50.00
Semele. White, feathered rosy pink.....	.90	6.00	50.00

MICHELL'S RELIABLE BULBS



Narcissus, Paper White Grandiflora

Narcissus, Grand Soleil d'Or

MICHELL'S EARLY NARCISSUS (Polyanthus Type) (Ready in August)

This class of Narcissus is a most interesting one. They may be grown in water and pebbles like Chinese lilies, but they are equally suited for growing in soil. The flowers are produced in clusters, like the illustration above and are delightfully fragrant. Not suitable for outdoors.

If wanted by Parcel Post, add 15c. per doz.; 40c. per 100, for postage.

Double Roman. White perianth, with an orange and yellow suffused cup; very free flowering and early. 12c. each; doz., \$1.10; \$7.25 per 100; per 1000, \$67.50.

Gloriosa. A showy type, with white perianth and orange yellow cup. 12c. each; doz., \$1.10; \$7.25 per 100; per 1000, \$67.50.

Grand Monarque. Large, broad, white perianth with a primrose-yellow cup; a very striking flower. 12c. each; doz., \$1.10; \$7.25 per 100; per 1000, \$67.50.

Grand Primo. Large white perianth with yellow cup. 12c. each; doz., \$1.10; \$7.25 per 100; per 1000, \$67.50.

Grand Soleil d'Or (often called "Yellow Paperwhite"). Rich yellow, with deep red cup. For cutting this is a fine variety. 15c. each; doz., \$1.60; \$12.00 per 100.

Paper White Grandiflora. First Size Bulbs. This is quite a specialty with us; of it alone we import over two million bulbs. It is a pure white flowering sort; used extensively for forcing, as it can be brought into bloom in 8 weeks' time; the stems are very long and it is excellent for bunching. 6c. each; doz., 65c.; \$4.00 per 100; per 1000, \$35.00.

Paper White Grandiflora, Mammoth Bulbs. 8c. each; doz., 75c.; \$5.00 per 100; per 1000, \$45.00.

Paper White Grandiflora, Giant Bulbs. 10c. each; doz., \$1.00; \$7.00 per 100; per 1000, \$60.00.

White Pearl. A large pure white; very exquisite. 12c. each; per doz., \$1.10; \$7.25 per 100; per 1000, \$67.50.

CHINESE SACRED LILIES

For growing in pebbles and water, also soil or sand.

If wanted by Parcel Post, add 15c. per doz. for postage.

	Each	Doz.	30 bulbs
Large Bulbs	\$.015	\$1.65	\$3.75
Mammoth Bulbs	.20	2.25	5.00

Please Note:—If Chinese Lilies are to be grown in water, they will flower more satisfactorily if not started until November 1st, thus giving the bulbs time to be thoroughly ripened and cured.

GOLDEN CHINESE LILY

The centre cup is deep yellow while the perianth is lighter:
Large Bulbs. 15c. each; doz., \$1.60 (by mail, \$1.70); \$12.00 per 100.
Pebbles for Chinese Lilies. Carefully screened and selected. 10c. per qt.; 75c. per peck; bushel, \$2.00; \$4.00 per barrel. (Pebbles cannot be mailed.)



Narcissus, Extra Early Golden Spur

MICHELL'S EARLY NARCISSUS (For Forcing) (Ready in August)

Extra Early Golden Spur. For Christmas and New Year's forcing. Free flowering, producing rich, golden yellow blooms. 12c. each; doz., \$1.10 (by mail, \$1.25); \$7.00 per 100 (by mail, \$7.50); per 1000, \$65.00.

MICHELL'S RELIABLE BULBS



Single Narcissus, Incomparabilis Lucifer

NARCISSUS MISCELLANEOUS VARIETIES (Ready in September)

If wanted by Parcel Post, add 15c. per doz., 50c. per 100, for postage.

	Each	Doz.	100	1000
Barri Conspicuus. Yellow, scarlet cup	\$0.10	\$0.85	\$5.25	\$47.50
Bicol r Victoria. First size	.12	1.00	6.75	58.00
Bicol r Victoria. Monster bulbs	.15	1.25	9.25	85.00
Cerva tes. Early; pale yellow trumpet	.15	1.25	9.25	85.00
Empe or. Yellow, first size	.12	1.00	6.75	58.00
Emper r. Monster bulbs	.15	1.25	9.25	85.00
Empre s. White and yellow, first size	.12	1.00	6.75	58.00
Empre s. Monster bulbs	.15	1.25	9.25	85.00
Giant Princeps. Yellow; monster bulbs	.10	.85	5.25	45.00
Glory of Leiden. Yellow	.12	1.10	7.50	62.00
Glory of Sassenheim. White and yellow	.15	1.40	9.00	80.00
Golden Spur. Yellow, first size, Dutch	.12	1.00	6.75	58.00
Golden Spur. Monster bulbs, Dutch	.15	1.25	9.25	85.00
Incomparabilis, Lucifer. Perianth white, trumpet orange scarlet	.10	.85	5.50	47.50
King Alfred. Yellow; monster bulbs	.25	2.25	15.00	
Leedsii, Mrs. Langtry. White	.10	.75	4.75	40.00
Madame de Graaff. White, primrose trumpet	.12	1.10	7.00	60.00
Olympia. Yellow	.50	5.00	35.00	
Sir Watkins. Light yellow	.12	1.25	8.00	67.50
Spring Glory. White perianth, yellow trumpet	.30	3.00	16.00	
Trumpet Major. Dutch, yellow	.10	.85	5.25	45.00
Van Waveren's Giant. Primrose perianth, bright yellow trumpet	.60	6.00	40.00	

NARCISSUS, DOUBLE VARIETIES

If wanted by Parcel Post, add 15c. per doz., 40c. per 100, for postage.

	Each	Doz.	100	1000
Alba Plena Odorata. White	\$0.10	\$0.75	\$4.75	\$40.00
Double Jonquils. Yellow	.70	4.50	37.50	
Incomparable. Yellow and orange	.10	.85	5.25	45.00
Orange Phoenix. White, orange centre	.12	1.00	6.75	60.00
Sulphur Phoenix. White, sulphur yellow centre	.12	1.00	6.75	58.00
Von Sion. Yellow, first size	.08	.75	4.50	38.00
Von Sion. Mammoth	.12	1.00	6.00	52.50
Von Sion. Monster	.15	1.15	7.25	65.00

NARCISSUS IN MIXTURE

	Doz.	100	1000
Single and Double	\$0.60	\$3.75	\$30.00

NARCISSUS, POETICUS VARIETIES

Used extensively for wild gardening and naturalizing.

If wanted by Parcel Post, add 15c. per doz., 30c. per 100, for postage.

	Each	Doz.	100	1000
King Edward VII. White, yellow and red cup	\$0.12	\$1.10	\$7.00	\$65.00
Poetaz, Elvira. White and yellow	.12	1.10	7.25	65.00
Poeticus Ornatus. White and scarlet, first size	.07	.60	3.50	27.00
Poeticus Ornatus. Mammoth	.08	.70	4.25	36.00
Poeticus Recurvus. White and scarlet	.07	.65	4.00	30.00

JONQUILS

(Ready in September)

These are perfectly hardy and are suitable for either outdoor planting or forcing.

If wanted by Parcel Post, add 10c. per doz., 30c. per 100, for postage.

	Doz.	100	1000
Campernelle Rugulosus. Single yellow, larger than the plain Campernelle	\$0.75	\$5.00	\$45.00
Double. Flowers very double; deep golden-yellow; height, 12 inches	.70	4.50	37.50
Single. Rich yellow; very fragrant; height, 12 inches	.60	3.50	27.50



Lilium Candidum

LILIUM CANDIDUM (Madonna Lily)

(Ready in August)

This variety is sometimes called St. Joseph's, Madonna, or Annunciation Lily. One of the most popular and satisfactory of the American garden lilies. Pure waxy white flowers produced on straight stems, bearing anywhere from 10 to 30 blooms of good size and substance, and delightfully fragrant. Effective planting is the result of massing them in clumps or borders. Our bulbs are grown in Northern France, where they have a reputation of growing the finest in the world. To insure absolute success, plant the bulbs as early as possible—September preferred—6 inches deep, imbedded in sand and placed on their side; height, 4 feet; blooms in June.

	Each	Doz.	Mail	100
Large Bulbs	\$0.25	\$2.50	\$2.70	\$15.00
Mammoth Bulbs	.35	3.50	3.75	25.00
Monster Bulbs	.40	4.00	4.30	30.00

MICHELL'S RELIABLE BULBS

If Lily Bulbs are wanted by Parcel Post, add 30c. per doz. for postage.

LILIUM HARRISII (The Bermuda Easter Lily)

Cultural Note.—In order to obtain best results, attention to the following brief directions will assist materially: Upon receiving the bulbs, pot them immediately. Place a handful of well-rotted cow manure in the bottom of the pot and place the bulb directly on top, covering it with soil. After watering, place in an outside pit and protect from the direct rays of the sun; cover well with soil, ashes or any other suitable litter. When the bulbs have become thoroughly rooted, bring inside, in a temperature of about 60 degrees; let the plants grow slowly under a bench or some other suitable place until about 6 inches high, then place on top of the bench. About two months before Easter they can be brought into a warmer temperature and gradually forced into flower and height at one time. An occasional application of liquid cow manure, starting about six weeks before flowering time, will stimulate the plant wonderfully. **Thorough rooting is most essential.**

MICHELL'S "SPECIAL BRAND" LILIUM HARRISII (True Bermuda Easter Lily)

Noted for freedom from disease, uniformity and free flowering.

	Each	Doz.	100
6 to 7 inches circum.....	\$0.30	\$3.25	\$22.00
7 to 9 inches circum.....	.50	5.00	35.00
9 to 11 inches circum.....	.85	9.00	65.00
11 to 13 inches circum.....	1.50	15.00	85.00



Lilium Giganteum

LILIUM LONGIFLORUM GIGANTEUM (True)

	Each	Doz.	100
7 to 9 inches circum.....	\$0.40	\$4.00	\$30.00
8 to 10 inches circum.....	.50	5.00	37.50
9 to 10 inches circum.....	.60	6.00	45.00
10 to 12 inches circum.....	1.00	10.00	75.00

LILIUM LONGIFLORUM "AZORES"

A splendid strain, grown at the "Azores," producing strong, uniform flowers. Free from disease; an early bloomer.

	Each	Doz.	100
7 to 9 inches circum.....	\$0.50	\$5.00	\$37.50

LILIUM FORMOSUM (The Formosa Easter Lily)

Similar to the Bermuda Lily, but blooms earlier.

Dark Stemmed Type

(Flowering generally in March and April)

	Each	Doz.	100
7 to 9 inches circum.....	\$0.40	\$4.00	\$30.00
8 to 10 inches circum.....	.50	5.00	37.50
9 to 10 inches circum.....	.60	6.00	45.00
10 to 12 inches circum.....	1.00	10.00	75.00

MISCELLANEOUS HARDY LILIES

(Ready in November)

Auratum (<i>Golden Banded Lily</i>). White, spotted crimson, with band of yellow in centre of each petal.	Each	Doz.	100
Large Bulbs, 8 to 9 inch circum.....	\$0.35	\$3.75	\$25.00
Mammoth Bulbs, 9 to 11 inch circum....	.50	5.25	37.50
Monster Bulbs, 11 to 13 inch circum....	.60	6.50	45.00
Batemanni . Apricot colored.....	.45	4.00	
Brownii . White inside, outside brown....	.75	7.50	
Canadense . Yellow, spotted black inside...	.20	2.00	15.00
Canadense Rubrum . Crimson, black spots	.35	3.50	25.00
Davuricum . Upright scarlet flowers.....	.25	2.50	15.00
Elegans Bicolor . Bright red flushed.....	.50	5.00	35.00
Elegans, Leonard Joerg . Apricot pink...	.35	3.50	20.00
Hansoni . Flowers reddish orange.....	.75	7.50	
Henryi . Orange yellow.....	.75	7.50	
Krameri . Blush pink.....	.50	4.50	
Macranthum . Giant golden banded lily..	.75	7.00	
Regale (<i>Myriophyllum</i>). White, shaded yellow.....	.75	8.00	60.00
Speciosum Album . Pure white.			
Large Bulbs, 8 to 9 inch circum.....	.35	3.75	25.00
Mammoth Bulbs, 9 to 11 inch circum....	.50	5.25	37.50
Monster Bulbs, 10 to 12 inch circum....	.60	6.50	45.00
Speciosum Magnificum . Deep pink, spotted crimson.			
Large Bulbs, 8 to 9 inch circum.....	.35	3.75	25.00
Mammoth Bulbs, 9 to 11 inch circum....	.50	5.25	37.50
Monster Bulbs, 11 to 13 inch circum....	.60	6.50	45.00
Speciosum Melpomene . Deep pink, spotted red.			
Large Bulbs, 8 to 9 inch circum.....	.35	3.75	25.00
Mammoth Bulbs, 9 to 11 inch circum....	.50	5.25	37.50
Monster Bulbs, 11 to 13 inch circum....	.60	6.50	45.00
Speciosum Rubrum or Roseum . Delicate pink, spotted red.			
Large Bulbs, 8 to 9 inch circum.....	.35	3.75	25.00
Mammoth Bulbs, 9 to 11 inch circum....	.50	5.25	37.50
Monster Bulbs, 11 to 13 inch circum....	.60	6.50	45.00
Superbum (<i>Turk's Cap Lily</i>). Orange red...	.25	2.50	15.00
Tenuifolium (<i>Coral Lily</i>). Scarlet.....	.25	2.50	15.00
Tigrinum Splendens (<i>Tiger Lily</i>). Orange, spotted black.			
Single flowering.....	.30	3.00	20.00
Double flowering.....	.30	3.00	22.50
Wallacei . Bright apricot.....	.35	3.50	22.50
Wittei . White, yellow band.....	1.00	11.00	

LILY OF THE VALLEY

(Ready in December)

A beautiful pure white flower; principally used for winter forcing. Very fragrant and produced in abundance. For indoor culture plant about 25 pips or roots in a 7-inch pot or pan, place outside, where they should be left until they have been subjected to several nights' freezing, which brings them into flower more readily. When grown outdoors always plant in a shaded place, preferably moist.

MicHELL'S Fancy Giant Flowering. The finest strain of Valley procurable. 25 for \$1.25; \$5.00 per 100; per 1,000, \$45.00.

Clumps. Ready in November. For outdoor planting only. 60c. each; per doz., \$6.00; \$45.00 per 100.

COLD STORAGE LILY OF THE VALLEY

(Ready Now)

Per 100, \$7.75; \$63.00 per 1000. Not less than 100 sold.



Amaryllis, Hybrids of Vittata

AMARYLLIS (Ready In October)

One of the most gorgeous showy house plants, giving splendid satisfaction, not only because of their requiring little care, but of their everlasting nature and tendency to increase.

Cultural Directions.—Place bulbs in live moss, only moderately moist, near window of a warm room. When the first sign of growth appears through the top, get a six-inch pot and be ready to pot them up. The soil to be used should be fairly rich and when the bulb is set, most of it should be above the soil. Water moderately at first, but increase as growth increases, then place in a warm, light room near the window.

Belladonna. A beautiful bright pink. 50c. each; doz., \$5.00 (by mail, \$5.25).

Formosissima. Crimson. 25c. each; doz., \$2.50 (by mail, \$2.65).

Hippeastrum Equestre. A garden species, producing large, bright red flowers. 60c. each; doz., \$5.00 (by mail, \$5.50).

Hybrids of Vittata. The finest race of Amaryllis in cultivation, exceeding in the size and fine form of their flowers as well as in the diversity of colors and markings all former hybrids; flowers striped and flaked. \$1.00 each (by mail, \$1.10); doz., \$11.00 (by mail, \$11.50).

ACONITE (Eranthis Hyemalls) (Ready In September)

Winter. A very early spring flowering bulb, producing golden yellow flowers; perfectly hardy. 50c. per doz.; 100, \$3.00 (by mail, \$3.10); \$25.00 per 1000.

ANEMONE (Ready In September)

An excellent decorative plant and fine for cutting. Can be grown inside but are more satisfactory for growing outdoors.

	Doz.	100	1000
Coronaria.....	\$0.85	\$4.50	\$37.50

CALLA LILY BULBS (See Next Page)

CHIONODOXA (Glory of the Snow) (Ready In September)

One of the first flowers to appear in the spring. Used for edging or for planting in masses.

If wanted by Parcel Post, add 10c. per 100 for postage.

	Doz.	100	1000
Luciliae. Bright blue with white centre...	\$0.60	\$3.50	\$30.00
Sardensis. Very deep blue with white centre	.60	3.50	30.00

CROCUS (Ready In September)

These are most effective for borders or beds, also for planting in clumps amongst shrubbery. In lawns, planted in the grass the Crocus are extremely effective. The Giant Flowering varieties are also splendid for flowering in pots.

If wanted by Parcel Post, add 5c. per doz., 15c. per 100, for postage.

GIANT NAMED CROCUS

	Doz.	100	1000
Baron von Brunow. Deep blue.....	\$0.30	\$1.75	\$12.00
Cloth of Gold. Rich yellow, brown veins..	.35	2.00	16.00
Cloth of Silver. Silvery white, striped lilac..	.35	2.00	16.00
King of the Blues. Purple.....	.30	1.75	12.00
Mont Blanc. Pure white.....	.30	1.75	12.00
Sir Walter Scott. White, striped lilac.....	.30	1.75	12.00
Giant Named Mixed.....	.30	1.75	12.00

MIXED CROCUS IN SEPARATE COLORS

Our bulbs of mixed Crocus are all of the largest size and should not be confounded with the cheap mixtures which are frequently offered.

	Doz.	100	1000
Blue and Purple.....	\$0.20	\$1.10	\$8.00
Striped.....	.20	1.10	8.00
White.....	.20	1.10	8.00
Yellow.....	.30	1.75	12.00
Yellow. Mammoth size.....	.40	2.00	15.00
Yellow. Giant size.....	.50	2.50	20.00
Mixed. All colors.....	.20	1.10	8.00

CROWN IMPERIAL (Fritillaria) (Ready In September)

Produces early in the spring, stout stems 3 to 4 feet long, with crown-like clusters of bell shaped flowers at the top.

If wanted by Parcel Post, add 15c. per doz. for postage.

	Each	Doz.	100
Aurora. Orange.....	\$0.35	\$3.00	\$20.00
Crown Upon Crown. Orange-red.....	.35	3.00	20.00
Lutea. Yellow.....	.35	3.00	20.00
Mixed Colors.....	.30	2.50	15.00
Meleagris. Very fine mixed.....	.10	.85	6.00

MICHELL'S RELIABLE BULBS



CALLA LILY BULBS (Ready in September)

Callas require good, rich soil and plenty of warmth and water to make them thrive. Plant Callas indoors only.

GODFREY DWARF EVERBLOOMING CALLA

This comparatively new Calla has proven an excellent one; its character is exactly like the *Aethiopica* or regular variety, except it is of much dwarfer habit and freer bloomer; very desirable as a pot plant. Mammoth bulbs, 35c. each; doz., \$3.50 (by mail, \$3.65); \$25.00 per 100.

CALLA AETHIOPICA

If wanted by Parcel Post, add 15c. per doz. for postage.

	Each	Doz.	100
White, Monster Size, 2 to 2½ in. diam.	\$0.75	\$7.50	\$50.00
" Mammoth Size, 1¾ to 2 in. diam. . . . .	.45	4.50	30.00
" Medium Size, 1½ to 1¾ in. diam. . . . .	.35	3.50	20.00
" First Size, 1¼ to 1½ in. diam. . . . .	.25	2.50	15.00

YELLOW CALLA (*Elliottiana*) (Ready in October)

The rich, golden yellow flowers are large and massive. First Size Bulbs, 25c. each; doz., \$2.50 (by mail, \$2.65); \$17.50 per 100. Mammoth Bulbs, 35c. each; doz., \$3.50 (by mail, \$3.70); \$25.00 per 100.

SPOTTED CALLAS (Ready in October)

Flowers white; foliage green spotted white. Prices quoted upon application.

FREESIA "PURITY"

This grand type supersedes all the old varieties of Freesias. The flowers are almost twice the size of the regular type; they also differ somewhat, being a pure glistening white; the stems are often 15 inches long and very wiry, rendering it a most valuable cut flower. Each bulb will produce 3 or 4 flower stems.

If wanted by Parcel Post, add 10c. per 100 for postage.

	Doz.	100	1000
First Size Bulbs	\$0.40	\$2.00	\$15.00
Mammoth Size Bulbs . . . . .	.65	3.75	30.00
Monster Size Bulbs	1.00	6.50	55.00
Jumbo Bulbs	1.25	7.50	70.00

NEW NAMED COLORED FREESIAS

The colored Freesias are becoming very popular on account of their unique colorings and shadings.

	Doz.	100
Aurora. Yellow, suffused orange	\$1.00	\$6.50
California. Bright golden yellow	1.00	6.50
Carmencita. Orange salmon, buff shading on lower petals	1.00	6.50
Carrie Budan. Lavender pink	1.00	6.50
Illena. Deep rosy lavender with white throat, orange blotch on lower petal	1.00	6.50
June Michelsen. Deep rose pink, with white throat, lower petals veined crimson	1.25	8.00
Olivette. Carmine red with yellow throat	1.00	6.50

OTHER COLORED FREESIAS

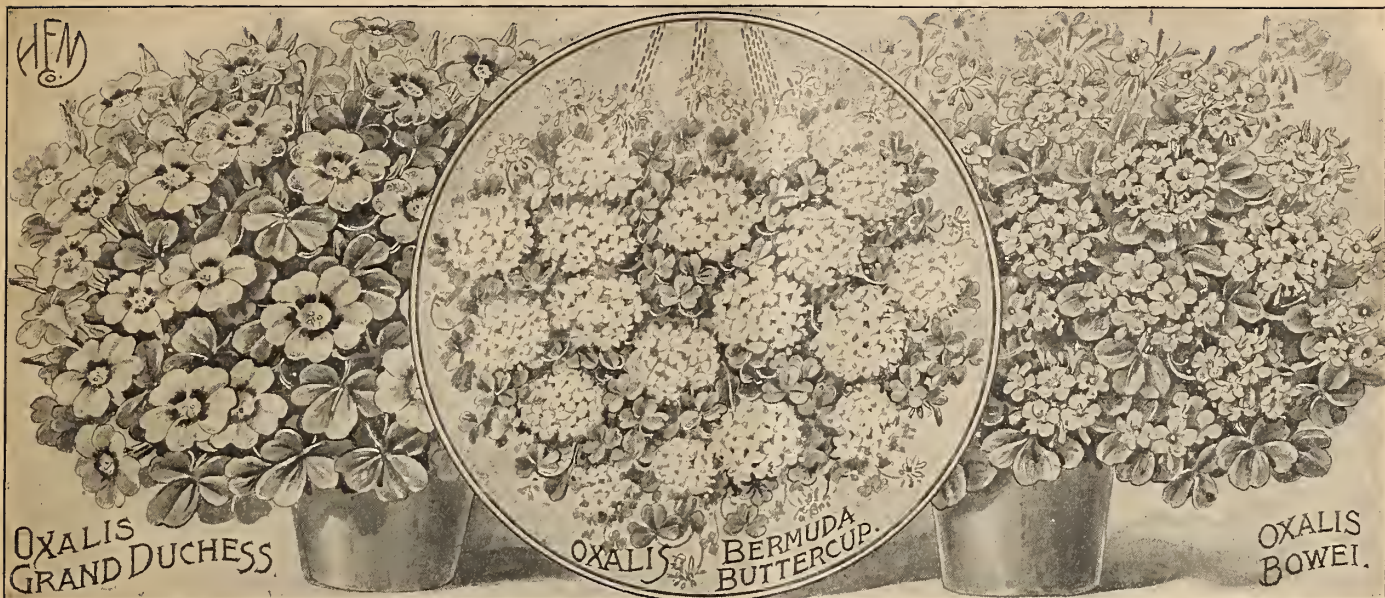
	Doz.	100	1000
General Pershing. Bronzy pink	\$0.75	\$5.00	\$45.00
Orange	1.00	6.50	
Red	1.00	6.50	
Splendens. Lavender	1.00	6.50	
Yellow	1.00	6.50	
Rainbow Mixture . . . . .	.65	3.75	



Purity Freesia

GLADIOLUS (For Forcing)

List and prices upon application.



GRAPE HYACINTHS (Muscari)

(Ready in September)

A charming bulb for the hardy garden, where they may remain undisturbed for years. Also excellent for forcing.

If wanted by Parcel Post, add 10c. per 100 for postage.

	Doz.	100	1000
Botryoides Albus. White.....	\$0.65	\$3.50	\$30.00
“ Heavenly Blue Sky blue.....	60	3.25	25.00

SPANISH IRIS (Iris Hispanica)

(Ready in September)

Graceful, slender stems, with loose but beautiful flowers, the charming colors producing a combination not surpassed by an orchid. The finest effects are produced when planted in clumps in the perennial border; flowering period May and early June. They are also excellent for growing in pots indoors. Mammoth Bulbs.

If wanted by Parcel Post, add 15c. per 100 for postage.

	Doz.	100	1000
Alex. Von Humboldt. Light blue.....	\$1.00	\$6.50	\$55.00
Belle Chinoise. Deep yellow.....	1.00	6.50	55.00
Cajanus. Canary yellow, orange blotches..	1.00	6.50	55.00
Darling. Bright dark blue.....	1.00	6.50	55.00
Emperor of West. Extra fine blue.....	1.00	6.50	55.00
King of the Blues. Deep purplish blue..	1.00	6.50	55.00
Reconnaissance. Bronze.....	1.00	6.50	55.00
Snowball. White, tinged sky blue at base.	1.00	6.50	55.00

DUTCH IRIS (Hollandia)

These are best described as a giant strain of early flowering Iris Hispanica, blooming fully two weeks earlier; flowers very large.

	Doz.	100	1000
Albert Cuypp. Pale blue passing to white, falls primrose, orange blotch.....	\$1.00	\$7.00	\$60.00
David Teniers. Lavender and yellow....	1.00	7.00	60.00
Frans Hals. Standard light blue, falls yellow.	1.00	7.00	60.00

IRIS FILIFOLIA

A strain of Iris Hispanica, that flowers from 2 to 3 weeks earlier.

	Doz.	100	1000
Celestial. Sky blue.....	\$1.10	\$7.00	\$60.00
Imperator. Blue.....	1.10	7.00	60.00

IRIS TINGITANA

A beautiful light blue; excellent for early forcing.

	Doz.	100	1000
forcing.....	\$1.50	\$10.00	\$80.00

IXIA (Ready in September)

A charming little house and conservatory bulb. May also be planted outdoors if protected during the winter.

If wanted by Parcel Post, add 10c. per 100 for postage.

	Doz.	100	1000
Scarlet	\$0.75	\$4.25	\$37.50
Extra Fine Mixture.....	.60	3.25	25.00

OXALIS

For conservatory, greenhouse and window garden culture the Oxalis is ideal. It succeeds anywhere and with any one, flowering often in 6 to 8 weeks after planting.

	Doz.	100	By Mail
Grand Duchess.. Lavender.....	\$0.45	\$2.50	\$2.65
“ “ Pink.....	.45	2.50	2.65
“ “ White.....	.45	2.50	2.65
“ “ Yellow.....	.45	2.50	2.65
Bermuda Buttercup. Yellow, first size....	.40	2.50	2.65
“ “ Mammoth bulbs....	.75	4.00	4.20
Bowei. Large flowering; rich pink.....	.75	5.00	5.20

MONTBRETIAS (Ready in October)

A beautiful flowing bulb resembling a miniature Gladiolus; absolutely hardy and only effective when planted in masses of from 50 to 100 bulbs in a clump.

If wanted by Parcel Post, add 15c. per 100 for postage.

	Doz.	100	1000
King Edmund. Rich golden yellow, with brown markings in throat.....	\$1.25	\$7.50	\$65.00
Lord Nelson. Deep orange scarlet.....	1.25	7.50	65.00
Macropsila. Red.....	1.00	6.50	57.50
Meteore. Red and yellow.....	1.00	6.50	57.50
Solfatare. Creamy yellow.....	1.00	6.50	57.50

RANUNCULUS (Buttercup)

	Doz.	100	By Mail	1000
Giant Fringed Mixed	\$0.85	\$5.00	\$5.10	\$40.00

SCILLAS (Squills) (Ready in September)

Excellent for planting around beds of tulips, hyacinths or daffodils, or in or among shrubbery in the herbaceous border. Also do well if planted indoors in pots or pans.

	Doz.	100	By Mail	1000
Campanulata Alba. White..	\$0.75	\$4.00	\$4.10	\$32.00
“ Coerulea. Blue..	.75	4.00	4.10	32.00
“ Rosea. Pink..	.85	4.50	4.60	35.00
Siberica. Blue, first size bulbs..	.85	4.50	4.60	35.00
“ Mammoth bulbs....	1.00	5.50	5.65	45.00

SNOWDROPS (Galanthus) (Ready in September)

Beautiful early flowering bulbs, desirable for edging bulb beds or for planting in masses.

	Doz.	100	By Mail	1000
Double. Pure white.....	\$0.85	\$5.75	\$5.85	\$50.00
Single. Pure white.....	.65	3.50	3.60	30.00

SPIREA (Ready in December)

A favorite Easter plant, rivaling with the lily.

	Each	Doz.	100
America. Lilac rose.....	\$0.85	\$9.00	\$65.00
Gladstone. Large trusses of snow white flowers.....	.85	9.00	65.00
Peach Blossom. Bright pink.....	.85	9.00	65.00
Princess Mary. Extra fine pink.....	.85	9.00	65.00
Queen Alexandra. Bright pink; one of the best varieties.....	.85	9.00	65.00

MICHELL'S "DISTINCTIVE" FLOWER SEEDS

FOR SUMMER AND EARLY FALL SOWING

For Complete List of Flower Seeds, see our General Catalogue for 1924

ACHILLEA (Milfoil or Yarrow)

Large pkt. Pkt.
Ptarmica, Fl. Pl., "The Pearl," Tall erect plants; pure white double flowers; hardy perennial, 2 ft. . . \$0.75 \$0.10

ACONITUM (Monk's Hood or Helmet Flower)

Hardy perennial, thriving best in semi-shady situations; curious hood-shaped flowers in clusters; 4 feet; August-September.

Large pkt. Pkt.
Napellus. Blue. \$0.40 \$0.10

AGROSTEMMA (Rose of Heaven, Mullein Pink)

Coronaria. Erect growing plants with silvery foliage and crimson flowers; hardy perennial; 2½ to 3 feet; June to August.25 .10

ALYSSUM

Large pkt. Pkt.
Lilac Queen. Dwarf and compact; flowers lilac. . . \$0.25 \$0.10
Little Dorrith. Extremely dwarf and compact, with miniature white flowers. oz., 90c. .25 .10
Little Gem. Dwarf compact plants, densely covered with large pure white flowers; 4 inches. . . oz., 75c. .25 .10
Michell's Bouquet (New). Dwarf and compact; forms a perfect bouquet of miniature white flowers .40 .10
Saxatile Compactum (Basket of Gold). Showy golden yellow flowers; hardy perennial; 1 ft. oz., 90c. .30 .10
Sweet. The popular old-fashioned sort; of trailing habit, with pure white flowers; 6 inches. . . oz., 30c. .10

AMPELOPSIS (Boston or Japanese Ivy)

Veitchi. A hardy perennial climber with olive green leaves, which turn to scarlet in the autumn, oz., 50c. .25 .10

ANCHUSA (See Bugloss)

Italica "Dropmore." A hardy perennial plant, 4 feet high, with flowers of a lovely gentian blue. . . .30 .10

ANTIRRHINUM (Snapdragon)

A splendid plant for beds or borders and one of our choicest cut flowers; extensively forced under glass during the winter.

MICHELL'S GIANT ANTIRRHINUMS

Spikes, 2 to 3 feet in length, with giant flowers.

Large pkt. Pkt.
Michell's Giant Salmon Pink. Long spikes of flowers of a delicate salmon pink color. \$0.60 \$0.15
Keystone. Long spikes; color, rose pink. 1.00
Silver Pink. 1.25
Giant Canary Bird (New). Canary yellow.60 .25
Giant Cattleya (New). Silver rosy lilac, golden lip. . .60 .25
Giant Garnet.30 .10
Giant Orlando. Bronze. 1.25
Giant Pink.30 .10
Giant Philadelphia Pink (New). Pure pink. . . . 1.25
Giant Scarlet.30 .10
Giant Snowflake (New). Pure white.60 .25
Giant Venus. Shell pink on white ground. . . .30 .15
Giant White.30 .10
Giant Yellow.30 .10
Collection, one packet each six colors, 50c.
Giant Mixed. All colors. oz., 90c. .30 .10

ANTIRRHINUMS—Various Sorts

The Semi-Dwarf sorts grow about 18 inches high, with large flowers over most of the stem. Large pkt. Pkt.

Semi-Dwarf. Bride. Pure white. \$0.40 \$0.10
 " **Daphne.** Carmine pink, white throat.40 .10
 " **Firebrand.** Rich deep red.40 .10
 " **Golden Queen.** Golden yellow.40 .10
 " **Mont Blanc.** Pure white.40 .10
 " **Nelrose.** Pink.50 .15
 " **Mixed.** All colors. oz., 90c. .30 .10
Tom Thumb Mixed. All colors; 12 inches.30 .10

ANEMONE (Wind Flower)

A dainty spring flower with bright cup-shaped blossoms; splendid for cutting; perennial.

Large pkt. Pkt.
Coronaria. Mixed colors; 1 foot. \$0.30 \$0.10
St. Brigid, or Poppy. Flowers of large size; semi-double and double, in many colors; 1 foot.50 .15

ANTHEMIS (Hardy Marguerite)

Tinctoria Kelwayi. A handsome hardy perennial; daisy-like bright yellow flowers; 2 feet.40 .10



Aquilegia (Columbine) Long Spurred (Large pkt. 60c.)

AQUILEGIAS OR COLUMBINES

These are among the most beautiful of spring and early summer flowers; very effective in the herbaceous border and among shrubbery; exquisitely spurred flowers on stems 2 feet above the fern-like foliage.

Large pkt. Pkt.
Californica Hybrida. Mixed colors; long spurs. . . \$0.60 \$0.10
Chrysantha (Golden Spurred). Bright golden yellow. .60 .10
Coerulea (Rocky Mountain Columbine). Large flowers, violet-blue and white.60 .10
Long Spurred Hybrids. Flowers of many rich and varied colors, with long spurs.60 .10
Rose Queen. Pink, white centre, yellow anthers. . . .75 .15
Double Mixed. All colors. oz., 85c. .25 .10
Single Mixed. All colors. oz., 75c. .25 .10

ARABIS (Rock Cress)

Alpina. Early spring flowering perennial; especially adapted for edging and rockery; plants form a dense carpet completely covered with pure white blossoms; 6 inches.25 .10

ASPARAGUS

100 seeds Pkt.
Plumosus Nanus. An excellent plant for house or conservatory decoration. \$1.00 \$0.25
Sprengeri. One of the best plants to grow in hanging baskets for greenhouse in winter or for outdoors in the summer.50 .10

ASPERULA (Woodruff)

Odorata. Dwarf spring flowers; pure white; thrives in shady situations; perennial; 1 foot; Large pkt. Pkt. May. \$0.30 \$0.10

ASTER, PERENNIAL (Michaelmas Daisy)

Large pkt. Pkt.

Choice Mixed. A showy perennial plant; star-like single flowers; 2 to 3 feet.....\$0.40 \$0.10

AURICULA (Primula Auricula)

Choice Mixed. These early flowering perennial plants resemble primroses; multi-colored flowers in great variety; for borders or pot culture; 6 inches .75 .10

BABY'S BREATH. See Gypsophila

BELLIS PERENNIS. See Daisy

BOCCONIA (Plume Poppy)

Cordata. A splendid hardy perennial, with glaucous green foliage and spikes 2 to 3 feet long of creamy white flowers; 5 feet..... .25 .10

BROWALLIA

Elegant free flowering plants; blooms finely in the winter if the plants are lifted and cut back; 18 inches. Large pkt. Pkt.

Elata Coerulea. Sky-blue flowers.....\$0.30 \$0.10

Speciosa Major. Large ultramarine blue flowers; desirable as a pot plant for winter and spring flowering..... .75 .20

CALCEOLARIA

Excellent plants for decorating the greenhouse or conservatory; produces a mass of pocket-like flowers. Large pkt. Pkt.

Hybrida Grandiflora, Tall Mixed. Large, rich, self-colored flowers saved from a choice collection; 18 inches.....\$0.85 \$0.25

Hybrida Grandiflora, Pumila Compacta. Of dwarf, compact growth; trusses of large, self-colored and spotted flowers; 1 foot..... .85 .25

Rugosa (Shrubby). Mixed colors. Small flowering, for bedding..... .85 .25

CALLIOPSIS (Coreopsis)

California Sunbeams. Large flowers beautifully formed; yellow and brown.....oz., 75c. .25 .10

Lanceolata Grandiflora. Single golden yellow flowers of graceful form; invaluable for cutting; blooms the entire summer.....oz., 50c. .25 .10

CANDYTUFT (Iberis)

Sempervirens. Dwarf spring flowering perennial; flowers glistening white; May; 1 foot..... .60 .10

CARNATION

Desirable for greenhouse culture in winter as well as for the garden in summer. Large pkt. Pkt.

Chabaud's Everblooming, Mixed. Blooms in five months after being sown.....\$0.60 \$0.15

Choice Mixed. Double border varieties..... .50 .10

Early Vienna. Large double flowers in mixture.... .50 .10

MARGUERITE CARNATIONS

If slightly protected they will survive an ordinary winter and bloom the following spring. Large pkt. Pkt.

Pink.....\$0.50 \$0.10

Scarlet..... .50 .10

White..... .50 .10

Yellow..... .50 .10

Choice Mixed.....oz., \$2.25 .40 .10

Ask for Cultural Leaflet No. 213 on the growing of Carnations from seed.

CENTAUREA (Perennial)

Large feathery flowers; splendid for cutting; blooms from July to September. Large pkt. Pkt.

Montana (Hardy Cornflower). Blue; 18 inches....\$0.40 \$0.10

CERASTIUM (Snow in Summer)

Tomentosum. Dwarf, white-leaved edging plant; flowers white; perennial; 4 inches..... .40 .10



CAMPANULA MEDIA (Canterbury Bell)

Showy, hardy biennial, growing about 3 feet high, with large bell-shaped flowers. Sow from June 1st till September 1st; after frost has set in protect with leaves or straw. Oz. Large pkt. Pkt.

Single Blue.....	\$0.60	\$0.25	\$0.10
“ Pink.....	.60	.25	.10
“ White.....	.60	.25	.10
“ Mixed.....	.50	.25	.10
Double Blue.....	.50	.10	
“ Pink.....	.50	.10	
“ White.....	.50	.10	
“ Mixed.....	1.50	.40	.10

CAMPANULA MEDIA CALYCANTHEMA (CUP AND SAUCER CANTERBURY BELLS)

These produce beautiful, large single flowers, resembling a cup and saucer; they require the same treatment as above.

Blue.....	Large pkt. Pkt.	White.....	Large pkt. Pkt.
.....\$0.50 \$0.10		.....\$0.50 \$0.10	
Pink..... .50 .10		Mixed..... .50 .10	

CAMPANULAS OR BELLFLOWERS (PERENNIAL VARIETIES)

One of our best known hardy perennials; the tall varieties are fine for cutting while the dwarf sorts make excellent border plants; all have dainty bell-shaped flowers. Large pkt. Pkt.

Carpatica (Carpathian Hare Bell). Compact tufts not exceeding 8 inches; flowers clear blue, held erect; blooms in June and July.....	\$0.40	\$0.10
Carpatica, Alba. Pure white.....	.40	.10
Persicifolia Grandiflora (Peach Bells). Blue; spikes 4 feet tall with bell-shaped flowers.....	.75	.15
Persicifolia Grandiflora, Alba. Pure white.....	.75	.15
Pyramidalis (Chimney Bell Flower). Perfect pyramids 6 feet high, crowded with large bell-shaped flowers, blue and white mixed.....	.40	.10

MICHELL'S "DISTINCTIVE" FLOWER SEEDS



Shasta Daisy, Alaska

CHRYSANTHEMUM (Perennial)

	Large pkt.	Pkt.
Early Flowering, Double and Semi-Double. Very showy; excellent for cutting; 1 foot.	\$0.75	\$0.25
Japanese Hybrids. Large flowers of the finest types; an extra choice mixture; seed sown in spring will produce flowering plants by fall; 2 feet. . . . .	.75	.15
King Edward VII. Flowers extra large, pure white and of perfect form. . . . .	.30	.10
Shasta Daisy, "Alaska." The finest of all; single white flowers on long stems; 2 feet. . . . .	.60	.10

CINERARIA

Most ornamental plants for conservatory or house decoration; seed may be sown from May to September for a succession. Our Grandiflora Prize Strain cannot be surpassed, immense trusses of large flowers, often measuring 4 inches across.

	Large pkt.	Pkt.
Grandiflora Prize Dwarf. Mixed colors; plants of dwarf habit.	\$0.85	\$0.35
Grandiflora Prize Medium Tall. Mixed colors; desirable as a decorative plant. . . . .	.85	.35
Matador. Large flowering scarlet. . . . .	.85	.35
Stellata Hybrida. Of graceful habit; produces a profusion of flowers; mixed colors. . . . .	.75	.25

Ask for Cultural Leaflet No. 203 on the growing of Cinerarias.

COLUMBINE. See Aquilegia

CONE FLOWER. See Rudbeckia

COREOPSIS. See Calliopsis

COWSLIP. See Primula

CYCLAMEN

Most beautiful winter and spring flowering plants for the window and greenhouse. Not only are the flowers of striking beauty, but the foliage is also highly ornamental.

MICHELL'S GIANT SHOW

Grown for us by a specialist who has received numerous first prizes for the large size and beautiful coloring of the flowers.

	100 seeds	Pkt.
Bright Red.	\$2.50	\$0.50
Dark Blood Red.	2.50	.50
Glory of Wandsbek. Salmon red.	2.50	.50
Perle of Zehlendorf. Salmon pink.	2.50	.50
Pure White.	2.50	.50
Rose of Marienthal. Bright pink.	2.50	.50
White with Carmine Eye.	2.50	.50
Mixed. All colors.	2.00	.40

Ask for Cultural Leaflet No. 215 on the growing of Cyclamen.

DIANTHUS (Hardy Garden Pinks)

Elegant summer flowering border plants, producing a wealth of deliciously fragrant flowers.

	Large pkt.	Pkt.
Clove Scented. Double and semi-double varieties, in beautiful colors; fragrant.	\$0.50	\$0.10
Double Scotch. Choice mixed colors. . . . .	.50	.15
Erfurt. Of dwarf, compact growth; blooms early; mixed colors. . . . .	.60	.10
Latifolius Atrococcineus Fl. Pl. (Everblooming Hybrid Sweet William). Double scarlet. . . . .	.40	.10
Pheasant's Eye. Single fringed flowers; mixed colors.	oz. 75c.	.25 .10

DAISY, ENGLISH DOUBLE (Bellis Perennis)

These are favorite perennials; seed should be sown from June 1st till September, transplanted in the fall and they will flower the following spring; 4 inches. The Monstrosa varieties surpass all other strains in their strong, robust growth and extra large double flowers.

- Monstrosa, Pink.** Pkt., 25c.; 75c. per large pkt.
- Monstrosa, White.** Pkt., 25c.; 75c. per large pkt.
- Monstrosa, Mixed.** Pkt., 25c.; 75c. per large pkt.
- Longfellow.** Large double pink flowers. Pkt., 10c.; 60c. per large pkt.
- Snowball.** Purest white; large and double. Pkt., 10c.; 60c. per large pkt.
- Double Mixed.** Extra fine. Pkt., 10c.; 50c. per large pkt.



Delphinium, Belladonna



DELPHINIUM (Hardy Perennial Larkspur)

One of the finest hardy perennials, very easily grown from seed. Very effective in beds, masses or borders. To prolong the season of bloom, cut the old flower stems off after they have faded and new shoots will produce flower heads successfully.

	Large pkt.	Pkt.
Belladonna. One of the most continuous blooming varieties; immense spikes of clear turquoise blue, which cannot be excelled for beauty; 5 feet.	\$0.60	\$0.25
Bellamosum. A rich, deep blue form of the popular light blue Belladonna. . . . .	.75	.25
Chinense Grandiflorum. A dwarf strain with loose branches and sprays of bright blue flowers; 2 feet.	oz., \$1.25	.30 .10
Chinense Grandiflorum Album. Pure white flowers.	oz., \$1.25	.30 .10
Elatum (Bee Larkspur). Rich blue; 4 feet. oz., \$1.50. . . . .	.40	.10
Formosum Coelestinum. Sky blue. . . . .	.75	.15
Gold Medal Hybrids. Produces long spikes of large flowers, the lighter shades of blue predominating. . . . .	.40	.10
Blue Butterfly. An annual variety, of an exquisite deep blue. . . . .	.50	.15

TESTIMONIAL

Merion, Pa., April 10th, 1924

It is with pleasure that I report the wonderful success I have had with your seeds. The germination in every case has been excellent. I have not yet had one failure with your seeds.
S. W.



Digitalis (Foxglove) Gloxiniaeflora

DIGITALIS (Foxglove)

Ornamental hardy plants; long spikes of beautiful tubular-shaped flowers; blooms during June and July; 4 to 5 feet.

	Oz.	Large pkt.	Pkt.
Gloxiniaeflora, Pink.....	\$1.00	\$0.30	\$0.10
“ Purple.....	1.00	.30	.10
“ White.....	1.00	.30	.10
“ Mixed.....	.75	.25	.10
Grandiflora. Yellow.....	1.00	.30	.10

EUPATORIUM

Fraseri. A fine hardy perennial, thriving in almost any situation, excellent for cutting; 2 feet..... .25 .10

FERNS

Very desirable plants for ferneries.

<i>Adiantum (Maiden Hair)</i> . Mixed.....	1.00	.15
<i>Pteris</i> Varieties. Mixed.....	1.00	.15
All Sorts Mixed. Choice collection.....	1.00	.15

We can also furnish all other good varieties of fern spores.

FORGET-ME-NOT. See Myosotis

GAILLARDIA (Blanket Flower)

PERENNIAL VARIETIES

One of the most showy of hardy perennials; spikes of gorgeously colored flowers of immense size. Large pkt. Pkt.

<i>Grandiflora Dazzler (New)</i> . Very large flowers, on long stems; color, bright golden yellow, with rich maroon-red center.....	\$0.60	\$0.25
<i>Grandiflora Compacta</i> . A compact variety; choice mixed colors; 12 to 15 inches..... oz., 90c.	.30	.10
<i>Grandiflora Sanguinea</i> . Blood-red flowers; 2 ft....	.30	.10
<i>Grandiflora Semi-Double</i> . Mixed.....	.30	.10
<i>Grandiflora Superba</i> . Mixed; 2 feet..... oz., 90c.	.25	.10

GENTIANA (Blue Gentian)

Large pkt. Pkt.

Acaulis. A dwarf hardy perennial; deep blue flowers; suited to moist, shady situations..... \$0.40 \$0.10

GERBERA (Transvaal Daisy)

Splendid greenhouse perennials with large fine-leaved, daisy-like flowers; splendid for pot plants or cutting. 100 seeds Pkt.

Jamesoni Hybrida. These hybrids include a wonderful range of brilliant colors and shades..... \$1.00 \$0.25

GEUM

Large pkt. Pkt.

<i>Atrosanguineum</i> Fl. Pl. Hardy perennial, bearing large, showy, double, dark crimson flowers all through the summer; fine for bouquets; 1½ ft.....	\$0.30	\$0.10
<i>Mrs. Bradshaw</i> . Large, double brilliant scarlet flowers; blooms the entire summer.....	.60	.15

GYPSOPHILA (Baby's Breath)

Oz. Large pkt. Pkt.

<i>Elegans Alba Grandiflora</i> . Annual variety; delicate sprays of white flowers.....	\$0.25	\$0.10
<i>Elegans Carminea</i> . Bright carmine rose....	.30	.10
<i>Paniculata</i> . Hardy perennial variety; flowers in graceful sprays of white.....	.60	\$0.25 .10
<i>Paniculata</i> fl. pl. Double white flowers....	.75	.20

HELENIUM (Sneeze Wort)

Autumnale Superbum. Perennial; large heads of golden yellow flowers; 5 to 6 feet..... .40 .10

HELIOPSIS (Orange Sunflower)

Pitcheriana. A handsome hardy perennial, producing an abundance of deep orange-yellow flowers the entire summer; excellent for cutting; 3 to 4 feet.... .25 .10

HEUCHERA (Alum Root)

Sanguinea. Hardy perennial; spikes of vivid crimson flowers; excellent for cutting; 1 foot..... .75 .10

HIBISCUS (Marshmallow)

Showy ornamental perennial plants for mixed beds or shrubby borders. Large pkt. Pkt.

<i>Crimson Eye</i> . Flowers large; color, pure white with velvety crimson centre, 4 feet.....	\$0.30	\$0.10
<i>Golden Bowl</i> . Giant yellow, maroon centre.....	.30	.10
<i>Moscheutos</i> . Large, rosy pink flowers.....	.30	.10
<i>New Giant (Mallow Marvel)</i> . A greatly improved form; gigantic single flowers; many shades of red, pink, purple and white in mixture.....	.30	.15

HOLLYHOCK. See next page

IBERIS. See Candytuft

IRIS (Flowering Flag)

Kaempferi (Japanese Iris). Hardy perennial; very showy; blooms the second year from seed; mixed colors; 3 feet..... .30 .10

JAPANESE IVY. See Ampelopsis



Gaillardia, Grandiflora Superba

MICHELL'S "DISTINCTIVE" FLOWER SEEDS



Hollyhock—Chater's Double

HOLLYHOCK

A popular and desirable hardy perennial plant; excellent for planting among shrubbery or forming a background for other flowers; 6 to 7 feet. Oz. Large pkt. Pkt.

Allegheny. Semi-double; mammoth flowers, edges fringed and lacinated; mixed	\$1.25	\$0.30	\$0.10
Exquisite (<i>New</i>). Large double fringed flowers; mixed colors . . . . .		.60	.25
Chater's Double, Maroon	1.50	.40	.10
“ “ Pink	1.50	.40	.10
“ “ Red	1.50	.40	.10
“ “ Salmon	1.50	.40	.10
“ “ White	1.50	.40	.10
“ “ Yellow	1.50	.40	.10
“ “ Mixed	1.25	.30	.10
Collection , one pkt. each of above 6 colors . . . . .			.50
Double Ever-blooming Mixed	1.50	.40	.15
Single Ever-blooming Mixed . . . . .	.90	.30	.10
Single Mixed . . . . .	.90	.30	.10

KUDZU VINE. See *Pueraria*

LARKSPUR, PERENNIAL. See *Delphinium*

LATHYRUS LATIFOLIUS

(Everlasting or Perennial Pea)

Showy hardy perennial climber; fine for covering walls, stumps, fences, etc. Free flowering, resembling Sweet Peas in growth, foliage and flowers; excellent for cutting; 6 to 8 feet.

	Oz.	Large pkt.	Pkt.
Crimson. Brilliant	\$1.25	\$0.30	\$0.10
Pink Beauty. Bright rosy-pink	1.25	.30	.10
White	1.25	.30	.10
Choice Mixed. All colors . . . . .	.75	.25	.10

LUPINUS (Lupins) Annual Varieties

Seeds sown in greenhouse during the late summer and fall months will produce an abundance of bloom for winter.

	Oz.	Large pkt.	Pkt.
Rich Blue	\$0.40	\$0.25	\$0.10
Pink . . . . .	.40	.25	.10
Scarlet, White Tipped . . . . .	.40	.25	.10
Sky Blue . . . . .	.40	.25	.10
White . . . . .	.40	.25	.10
Yellow . . . . .	.60	.25	.10
Mixed. All colors . . . . .	.40	.25	.10

LUPINUS (Perennial Varieties)

Polyphyllus, Blue . . . . .	.25	.10
“ Roseus, Pink . . . . .	.30	.10
“ White . . . . .	.25	.10
“ Mixedoz., 40c.	.25	.10

LAVENDER (*Lavandula Vera*)

Well-known perennial plant, bearing long spikes of fragrant blue flowers; 18 inchesoz., 90c. \$0.30 \$0.10

LOBELIA

Cardinalis (*Cardinal Flower*). Hardy perennial; tall spikes of showy cardinal red flowers75 .10

LYCHNIS

Perennials of easy culture; excellent for massing in large beds or borders; remarkable for the brilliancy of their flowers.

	Large pkt.	Pkt.
Chalcedonica (<i>Rose Campion</i>). Fine scarlet cross-like flowers; 2 feet; Julyoz., 50c.	\$0.25	\$0.10
Haageana. Brilliant large, orange, scarlet, pink and crimson flowers, in mixture; 1 foot; July . . . . .	.75	.10

MIGNONETTE

Seed may be sown at intervals during the summer for a succession of bloom; can also be grown in pots for winter and early spring blooming.

	Large pkt.	Pkt.
Allen's Defiance. Spikes invariably attain a height of 12 to 15 inches; fragrantoz., 60c.	\$0.25	\$0.10
Bismarck. Compact plants of strong growth; stout spikes of large flowersoz., \$1.25	.30	.10
Golden Machet. Large golden yellowoz., 75c.	.25	.10
Goliath. Giant spikes of red flowersoz., \$1.50	.40	.10
Machet. Large reddish tinted, sweet scented flowersoz., 75c.	.25	.10
Michell's Colossal. Flower-spikes often average 18 inches; extremely fragrant . . . . .	.75	.15
Sweet Scented. The popular garden sortoz., 25c.		.10



Myosotis—Alpestris Victoria. (Large pkt. 40c.)

MYOSOTIS (Forget-Me-Not)

Beautiful, half hardy perennials, succeeding best in moist, shady situations. If wanted for early spring flowering seed should be sown in frames in July or August.

	Large pkt.	Pkt.
Alpestris Victoria. Of bushy habit, bearing large bright blue flowers; very fine; 6 inches	\$0.40	\$0.10
Dissitiflora. Of dwarf, compact habit; deep green foliage, and attractive deep blue flowers . . . . .	.75	.10
Eliza Fanrobert. Of strong growth, with clusters of large, bright blue flowers; 10 inches . . . . .	.40	.10
Grandiflora Alba. Large white flowers; 8 inches . . . . .	.40	.10
Grandiflora Rosea. Large pink flowers; 8 inches . . . . .	.40	.10
Michell's Winter Flowering. The finest variety for forcing; long stems, deep blue flowers . . . . .	.75	.15
Palustris. The true Forget-Me-Not; bright blue flowers; 8 inches . . . . .	.60	.10
Palustris Semperflorens. Dwarf; blooms the entire season; deep blue . . . . .	.60	.10
Choice Mixedoz., 90c.	.25	.10

MICHELL'S GIANT PANSIES

Seed sown in frames during July and August and transplanted later gives us the main crop of flowers the following spring.

PANSIES IN MIXTURE

	Large	Pkt.	Pkt.
Michell's Giant Exhibition. A blending of our own containing only the very choicest secured from the leading Pansy specialists; it can be relied upon to produce flowers of immense size, very heavy texture and of the most brilliant colors. Per oz., \$10.00; \$3.00 per 1/4 oz.; per 1/8 oz., \$1.75.....	\$0.75		\$0.25
Giant Trimardeau. Very large flowering; all colors, mixed.....	1/4 oz., \$1.00	.40	.10
Mad. Perret. Early flowering; fragrant; especially rich in red shades.....	1/4 oz., \$1.25	.75	.25
Masterpiece (Frisled Pansy). Beautiful rich colors; petals curled or waved.....	1/8 oz., \$1.00	.75	.25
Odier or Blotched. Beautiful strain.....	1/4 oz., \$1.25	.75	.15
Parisian Large Stained. Choicest colors.....	1/4 oz., \$1.25	.60	.15
Triumph of the Giants Mixed. Immense flowers of great brilliancy and richness of colors, including many new and rare shades. Per oz., \$11.00; \$3.25 per 1/4 oz.; per 1/8 oz., \$2.00.....		.85	.50
Finest English Mixed.	oz., \$2.25	.40	.10

GIANT PANSIES (Separate Colors)

A strain secured from the leading pansy specialists, and not to be compared with the ordinary Giant Trimardeau, as the flowers are of much heavier texture.

	1/4 oz.	Large	Pkt.	Pkt.
Giant Prize, Azure Blue. Violet blue....	\$1.00	\$0.50		\$0.15
Giant Prize, Black Blue. Dark velvety....	1.00	.50		.15
Giant Prize, Emperor William. Ultramarine blue.....	1.00	.50		.15
Giant Prize, Hortensia Red. Scarlet....	1.00	.50		.15
Giant Prize, King of the Blacks.	1.00	.50		.15
Giant Prize, Lord Beaconsfield. Violet....	1.00	.50		.15
Giant Prize, Peacock. Upper petals blue, lower petals deep claret with white margin..	1.00	.50		.15
Giant Prize, Snow Queen. Pure white....	1.00	.50		.15
Giant Prize, Striped and Mottled.	1.00	.50		.15
Giant Prize, White, with dark eye.	1.00	.50		.15
Giant Prize, Pure Yellow.	1.00	.50		.15
Giant Prize, Yellow, with dark eye.	1.00	.50		.15
Giant Prize, Orange King (New). Flowers large; lower portion of petals a vivid orange color, upper petals are of a distinct creamy tint. 3 pkts., 75c.....				.30

SPECIAL OFFER.—We will send 6 packets of any of the above varieties of Giant Pansies for 75c.; or the entire 12 pkts. for \$1.40.



Platycodon Grandiflorum



Michell's Giant Exhibition Pansy

Ask for Cultural Leaflet No. 209 on the Growing of Pansies.

PAPAVER. See Poppy

PENTSTEMON (Beard Tongue)

A beautiful perennial plant, producing freely large spikes of handsome tubular flowers. Large pkt. Pkt.

Sensation. Large spikes of gloxinia-like flowers of brilliant colors; 2 feet; requires protection....	\$0.50	\$0.15
New Hybrids, Mixed. Produces large spikes of handsome flowers; 3 feet.....	.50	.10

PHLOX (Hardy)

Decussata. Perennial plants 2 to 3 feet high; flowers in all bright colors; sow seeds late in fall and they will germinate in the spring....	1/4 oz., \$1.00	.60	.10
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PHYSALIS (Chinese Lantern Plant)

Francheti. Dense bushes about 2 feet high, producing freely, bright, orange-scarlet, lantern-like fruits; perennial.....		.30	.10
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PHYSOSTEGIA (False Dragon Head)

One of the most beautiful of our summer flowering perennial border plants, it forms dense bushes, bearing freely, delicate tubular flowers; 3 to 4 feet; July-August. Large pkt. Pkt.

Virginica. Pink.....	\$0.40	\$0.10
Virginica Alba. White.....	.40	.10

PINKS. See Carnation and Dianthus

PLATYCODON (Chinese Bell Flower)

One of the best hardy perennials; large bell-shaped flowers; excellent for borders or among shrubbery; 2 to 3 feet.

	Large	Pkt.	Pkt.
Grandiflorum, Blue.	\$0.40		\$0.10
Grandiflorum, White......	.40		.10

POLYANTHUS (Primula Elatior)

Beautiful spring-flowering hardy perennials, either for pot culture or for the garden; succeeds best in partial shade; 9 inches.

Gold Laced. Flowers of brilliant colors, with distinct yellow edge.....	\$0.60	\$0.15
Double Mixed. Beautiful colors.....	.75	.15
English Mixed. All colors.....	.60	.10

MICHELL'S "DISTINCTIVE" FLOWER SEEDS



Oriental Poppy

POPPY (Perennial)

These brilliant hardy Poppies are unequalled for general effectiveness and brilliancy of display.

	Large pkt.	Pkt.
Giant Scarlet (<i>Bracteatum</i>). Large flowers; 3 feet...	\$0.25	\$0.10
Iceland (<i>Nudicaule</i>). White; 1 foot.....	.40	.10
“ Yellow.....	.40	.10
“ Single Mixed . A wide range of colors....	.40	.10
Orientele . Extra large flowers; deep scarlet.....	.30	.10
“ Mrs. Perry . Rich salmon pink.....	.75	.10
“ Hybrids . Beautiful flowers of large size; mixed colors.....	1/4 oz., 60c.	.40 .10

PRIMULA

FRINGED CHINESE PRIMROSE

These are among our finest winter and spring blooming pot plants for decorations in the home or conservatory. Our seed has been grown for us by a Primula Specialist, and cannot be excelled for size and brilliancy of colors. Our strains have won many first prizes.

	Large pkt.	Pkt.
Alba Magnifica . Large pure white flowers.....	\$0.85	\$0.40
Chiswick Red . Brilliant red.....	.85	.40
Duchess . Large white with zone of rosy carmine, yellow eye.....	.85	.40
Holborn Blue . A beautiful shade.....	.85	.40
Kermesina Splendens . Crimson.....	.85	.40
Rosy Morn . Delicate pink.....	.85	.40
Michell's Prize Mixture . This mixture contains only the finest sorts selected from the best strains....	.85	.25
Imported Collection . 8 varieties.....		.75

PRIMULA OBCONICA

A beautiful and continuous blooming variety with handsome spikes of flowers and pretty foliage; elegant plants for greenhouse or light window of dwelling house.

	Large pkt.	Pkt.
Grandiflora Alba . White.....	\$0.75	\$0.20
“ Coerulea . Blue.....	.75	.20
“ Kermesina . Crimson.....	.75	.20
“ Lilacina . Pale lilac.....	.75	.20
“ Rosea . Pink.....	.75	.20
“ Vesuvius . Deep crimson.....	.75	.25
“ Hybrida . Mixed.....	.75	.20
“ Fimbriata . Fringed; mixed colors.....	.75	.15
Gigantea MONSTER . An extra large flowering strain of this popular Primula.....		
“ Apple Blossom . Soft pink.....	1.25	.40
“ Kermesina . Deep crimson.....	1.25	.40
“ Plathii . Brilliant deep rose.....	1.25	.40
“ Rosea . Pink.....	1.25	.40
“ Mixed Colors	1.25	.40

PRIMULA—Continued

VARIOUS SORTS

Eureka, Salmon Pink . This class is akin to the Obconica type, but the compact flower heads have more the appearance of the Sinensis variety; large, well shaped flowers. Original pkt., 85c. Large pkt. Pkt.		
Kewensis (<i>Verbena Scented Yellow Primrose</i>). Spikes each 12 to 18 inches long; color, soft yellow; very fragrant.....	\$0.75	\$0.25
Malacoides . Resembles Primula Forbesi, but the flowers are much larger; if grown in a greenhouse it will bloom in four to five months after sowing and continue for a long time; color, a pretty light lilac.....	.75	.20
Malacoides Alba . Flowers pure white.....	.75	.20
Malacoides Alba Plena . A new variety with double white flowers.....		.75
Malacoides Superba . Deep rosy pink; large.....		.40

HARDY PRIMROSE

Excellent early spring blooming plants; hardy, though in very cold localities they should have slight protection.

Veris (<i>English Cowslip</i>). Fragrant; flowers of various colors; 6 inches; mixed.....	Large pkt.	Pkt.
	\$0.60	\$0.10

PUERARIA THUNBERGIANA

(Kudzu Vine)

One of the fastest growing hardy climbing plants; grows 8 to 10 feet the first year from seed; after the first year it will grow 30 to 50 feet in a season; rosy purple pea-shaped blossoms toward the end of August.....	.25	.10
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PYRETHRUM (Perennial)

Handsome hardy perennial plants for the herbaceous border; flowers showy and excellent for cutting.

	Large pkt.	Pkt.
Roseum . Flowers bright rose color; July; 2 feet.....	\$0.60	\$0.10
Uliginosum (<i>Giant White Daisy</i>). Large, single white flowers; September; 3 to 4 ft.....	.50	.10
Hybridum Single Mixed . Large flowers ranging in color from light pink to deep red, with bright yellow centers; July; 2 feet.....	.50	.10
Hybridum Double Mixed.....	.75	.25

RESEDA. See Mignonette

ROCK CRESS. See Arabis

RUDBECKIA (Coneflower)

	Large pkt.	Pkt.
Newmani . Large yellow flowers with black centre; perennial; very showy; 3 feet.....	\$0.40	\$0.10
Purpurea (<i>Giant Purple Coneflower</i>). Hardy perennial; reddish purple flowers, with dark brown disc; 3 feet.....	.40	.10

SCABIOSA

Handsome perennial border plants, flowering the entire season.

	Large pkt.	Pkt.
Caucasica . Soft blue; 3 feet.....	\$0.75	\$0.10
Caucasica Alba . Pure white.....	.75	.10
Japanica . Lavender blue.....	.25	.10

SCHIZANTHUS (Butterfly Flower)

One of our finest annuals; bears a profusion of pretty butterfly-like flowers of various colors; useful as pot plants for late winter and spring blooming; for this purpose sow in autumn.

	Large pkt.	Pkt.
Garraway's Hybrids . Flowers large, with handsome markings on a white, buff, rose, blue or purple ground.....	\$0.75	\$0.25
Hybridus Grandiflorus . Compact plants, with flowers of many shades and of orchid-like appearance; 12 inches.....	.30	.10
Wisetonensis . A showy variety, largely used as a pot plant for the house or conservatory; flowers range from white with yellow centre to pink with brown centre; 1 1/2 feet.....	.50	.20
Mixed . Various colors.....	.25	.10

SHASTA DAISY. See Chrysanthemum

MICHELL'S "DISTINCTIVE" FLOWER SEEDS

SMILAX

Large pkt. Pkt.

A desirable greenhouse climber of great value for floral decorations; seed should be soaked 24 hours in warm water before sowing oz., 50c. \$0.25 \$0.10



Stock, Beauty of Nice

Michell's "Distinctive" Stocks

The stock is one of the most popular and highly prized of our cultivated flowers, either for the garden or for pot culture. The charming colors, delightful fragrance and free blooming character, have made them favorite plants for both summer and winter cultivation. The seeds we offer are hand-saved from pot-grown specimens and will produce a large percentage of double flowers.

MICHELL'S EARLY FLOWERING "NICE" STOCK

An early flowering strain of branching habit; remarkably free bloomer; large, double fragrant flowers; fine for garden bedding or cutting; especially desirable for use as a pot plant. For winter blooming, sow from July to September. Large pkt. Pkt.

Abundance. Dwarf, spreading habit; carmine-rose.	\$0.50	\$0.15
Beauty of Nice. Charming delicate pink. . . . .	.50	.15
Crimson King. Deep red. . . . .	.50	.15
La Brillante. Rich brilliant crimson. . . . .	.50	.15
Midsummer Night. Deep, dark violet. . . . .	.50	.15
Monte Carlo. Canary yellow. . . . .	.50	.15
Mont Blanc. Pure white. . . . .	.50	.15
Old Rose. An extra fine variety. . . . .	.50	.15
Queen Alexandra. Delicate lavender. . . . .	.50	.15
Choice Mixed. All colors. . . . .	.50	.15

MICHELL'S FLOWER MARKET STOCK

This is the ideal stock for either garden, cutting or forcing under glass. Plants branch freely and produce from 10 to 15 heavy spikes of extra large perfect flowers; height, 2 feet.

Blood Red.	Large pkt. Pkt.	Rose Pink.	Large pkt. Pkt.
Dark Blue.	\$0.50 \$0.15	White.	\$0.50 \$0.15
Flesh Pink. . . . .	.50 .15	Mixed. . . . .	.50 .15
Light Blue. . . . .	.50 .15		

LARGE FLOWERED DWARF TEN-WEEK STOCK

This is the leading variety for bedding out, for summer blooming; also fine for pots.

Blood Red.	Large pkt. Pkt.	Purple.	Large pkt. Pkt.
Crimson.	\$0.40 \$0.10	White.	\$0.40 \$0.10
Light Blue. . . . .	.40 .10	Yellow. . . . .	.40 .10
Pink. . . . .	.40 .10	Mixed. . . . .	.40 .10

VARIOUS STOCKS

Princess Alice (<i>Cut-and-Come-Again</i>). Branching plants with double pure white flowers; fine for cutting.50	.10
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Ask for Cultural Leaflet No. 211 on the growing of Stocks.

WINTER FLOWERING SPENCER SWEET PEAS

The following varieties are especially adapted for forcing under glass for winter and early spring blooming. Also excellent for sowing outdoors in the Southern States.

NEWER VARIETIES

	Pkt.	½ oz.	Oz.
Burpee's Orange. Finest clear glistening orange; flowers of largest size.	\$0.25	\$1.75	\$3.00
Florence Michell (<i>Novelty</i>). The best deep blue to date; very free flowering; usually four large flowers on a stem. . . . .	.35	2.25	4.00
Mrs. Kerr. Flowers of immense size; color, rich salmon, overlaid with soft orange. . . . .	.15	.90	1.50
Mrs. Warren G. Harding. Deep silvery blue; immense size; fully waved. . . . .	.15	.90	1.50
Princess. Flowers large; color, a lovely shade of soft lavender suffused mauve. . . . .	.15	.75	1.25
Rose Dore. Beautiful rose pink, suffused gold, with orange shading. . . . .	.25	1.75	3.00
White Star. An extra fine black-seeded, pure white variety; flowers of enormous size. . . . .	.15	.90	1.50

GENERAL LIST

Asta Ohn. Rich lavender. . . . .	.15	.60	1.00
Aviator. Dazzling crimson scarlet. . . . .	.15	.60	1.00
Blue Bird. A charming shade of blue. . . . .	.15	.60	1.00
Cherry Ripe. Cherry or salmon cerise. . . . .	.15	.60	1.00
Columbia. Salmon color standard; white wings. . . . .	.15	.60	1.00
Fire King. Deep orange scarlet. . . . .	.15	.60	1.00
Glitters (<i>Early Royal Scot</i>). Standard fiery orange; wings deep orange. . . . .	.15	.60	1.00
Heatherbell. Mauve lavender. . . . .	.15	.60	1.00
Illumination. Salmon cerise, suffused orange. . . . .	.15	.60	1.00
Lavender King. Rich, deep lavender. . . . .	.15	.60	1.00
Madonna. Best giant white; black seeded. . . . .	.15	.60	1.00
Meadow Lark. Rich cream. . . . .	.15	.60	1.00
Melody. Rose pink on white ground. . . . .	.15	.60	1.00
Miss Louise Gude. Large flowering; color, shell pink. . . . .	.15	.90	1.50
Mrs. A. A. Skaach. Clear, light pink. . . . .	.15	.60	1.00
Othello. Flowers large; beautiful maroon. . . . .	.15	.60	1.00
Primrose Beauty. Deep primrose, flushed rose, flowers large. . . . .	.15	.60	1.00
Rose Queen. Flowers are borne freely on long stems, are of large size, and usually four flowers are produced on a stem. Color a most attractive shade of rose pink. ¼ oz., \$1.25. . . . .	.50	2.25	4.00
Snow Flake. Large pure white. . . . .	.15	.60	1.00
Snowstorm (<i>Improved</i>). White; extra large. . . . .	.15	.60	1.00
True Blue. A charming blue self; flowers large and well waved. . . . .	.15	.60	1.00
Yarrowa. Flowers exquisitely waved, and of large size, many of them being duplex or double. Color, a pleasing shade of bright rose pink with lighter wings. . . . .	.15	.60	1.00
Zvolanek's Rose. Extra large; rose pink. . . . .	.15	.90	1.50
Mixed Colors. Winter Flowering Spencer. . . . .	.10	.35	.60

SNAPDRAGON. See Antirrhinum

STATICE (Sea Lavender)

	Large pkt.	Pkt.
Latifolia. Splendid hardy perennial, either for the border or rockery; panicles of deep blue flowers, which can be dried and used for winter bouquets. 1 foot.	\$0.40	\$0.10

STOKESIA (Cornflower or Stokes' Aster)

A very desirable hardy perennial plant, bearing freely from July to October handsome Centaurea-like blossoms, each measuring from 4 to 5 inches across; excellent for cutting; 1½ to 2 feet.

	Large pkt.	Pkt.
Cyanea. Lavender blue.	\$0.40	\$0.10
" Alba. Pure white. . . . .	.40	.10

SWEET ALYSSUM. See Alyssum

MICHELL'S "DISTINCTIVE" FLOWER SEEDS

SWEET ROCKET (*Hesperis*)

Excellent for naturalizing among shrubbery or for planting in a permanent border.

Large pkt. Pkt.

Mixed. Fragrant white and purple flowers; a desirable hardy perennial; 2 to 3 feet.oz., 50c. \$0.25 \$0.10



Single Sweet William

SWEET WILLIAM (*Dianthus Barbatus*)

One of the finest hardy garden plants; of easy culture, thriving in any good garden soil and lasting for years. The plants grow about 1½ feet high, and form fine clumps; produces fine effects in beds and shrubbery.

Large pkt. Pkt.

Auricula Flowered. A beautiful class of "eyed" single varieties; all colors mixed.oz., 75c. \$0.25 \$0.10
Single Crimsonoz., 75c. .25 .10
 " **Pink Beauty.** Salmon pink50 .15
 " **Scarlet Beauty.** Deep scarlet50 .15
 " **Velvety Maroon.**oz., 75c. .25 .10
 " **White**oz., 75c. .25 .10
 " **Mixed.** All colors.oz., 60c. .25 .10
Double Mixed.oz., 90c. .25 .10

TRITOMA (*Red Hot Poker*)

Pfitzeri. A free blooming, hardy perennial; large spikes of orange-scarlet flowers.50 .10

VALERIANA (*Garden Heliotrope*)

Hardy perennial border plants; large fragrant flowers, the odor resembling that of the heliotrope; 2 to 3 feet. Large pkt. Pkt.
 Mixed Colors. \$0.25 \$0.10

VERONICA (*Speedwell*)

An elegant hardy perennial plant of easy culture and free-flowering habit; of value as a cut flower or for garden effect. Plants grow bushy and produce long spikes of flowers.

Large pkt. Pkt.

Spicata. Long spikes of bright blue flowers; 18 inches. \$0.40 \$0.10



Viola, Scotch Bedding

VIOLA CORNUTA (*Tufted Pansies*)

These resemble pansies in shape and form, with the additional quality that they are of long stems, and appear uninterruptedly from early spring till snow flies.

Large pkt. Pkt.

Admiration. Dark blue. \$0.60 \$0.10
Mauve Queen. Lovely mauve color.60 .10
Perfection. Light blue.60 .10
White Perfection. Large white.60 .10
Mixed. All colors.50 .10

VIOLA (*Scotch Bedding Pansies*)

These are very free flowering and cannot be surpassed for bedding purposes; produce larger flowers than the Viola Cornuta.

Large pkt. Pkt.

Golden Gem. Yellow. \$0.60 \$0.15
Lutea Splendens. Rich golden yellow.60 .15
Snowflake. Pure white.60 .15
Mixed. From the best named Scotch varieties.50 .15

VIOLET Sweet Scented (*Viola Odorata*)

Single Blue Czar. Dark blue.75 .10

WALLFLOWER

Half-hardy perennials of delicious fragrance. They should be protected in a cold frame in the winter and planted out in the spring; 2 feet.

Large pkt. Pkt.

Double Brown \$0.60 \$0.10
 " **Yellow.**60 .10
 " **Mixed.** All colors.60 .10
Single Mixedoz., 40c. .25 .10
Imported Collection. 6 double varieties.50
Imported Collection. 6 single varieties.40

Paris Extra Early. A single-flowering variety, which may be treated as an annual, flowering the first year from seed; 1½ feet.

Large pkt. Pkt.

Paris Extra Early Blood Red \$0.25 \$0.10
Paris Extra Early Yellow25 .10
Paris Extra Early Mixed. All colors.oz., 60c. .25 .10

MICHELL'S SEASONABLE VEGETABLE SEEDS

For Complete List of Vegetable Seeds, see our General Catalogue, mailed free on request.

BEANS—Green Podded, Dwarf Varieties

Large packets of all varieties, except where noted, 10c. postpaid. If beans are wanted by parcel post, please add postage as follows, 5c. for 1 lb.; 10c. for 2 lbs.; 15c. for 5 lbs.; 25c. for 10 lbs.

	Lb.	2 lbs.	5 lbs.	10 lbs.
Black Valentine	\$.35	\$0.65	\$1.50	\$2.75
Bountiful	.35	.65	1.50	2.75
Early Mohawk	.35	.65	1.50	2.75
Extra Early Refugee	.35	.65	1.50	2.75
Full Measure	.35	.65	1.50	2.75
Mammoth Stringless	.35	.65	1.50	2.75
Masterpiece (Pkt., 15c.)	.65	1.25	3.00	4.50
Red Valentine	.35	.65	1.50	2.75
Stringless Green Pod (Improved)	.35	.65	1.50	2.75
Triumph of the Frames (Pkt., 15c.)	.65	1.25	3.00	4.50

BEANS—Wax or Yellow Podded Dwarf Varieties

	Lb.	2 lbs.	5 lbs.	10 lbs.
Black or German Wax	\$.35	\$0.65	\$1.50	\$2.75
Currie's Rust Proof Wax	.35	.65	1.50	2.75
Golden Wax Rust Proof (Improved)	.35	.65	1.50	2.75
Round Podded Kidney Wax	.35	.65	1.50	2.75
Stringless Refugee Wax	.35	.65	1.50	2.75
Sure Crop Stringless Wax	.35	.65	1.50	2.75
Unrivaled Wax	.35	.65	1.50	2.75
Wardwell's Kidney Wax	.35	.65	1.50	2.85

DWARF SHELL BEANS (For Soups or Baking)

	Lb.	2 lbs.	5 lbs.	10 lbs.
Boston Navy or Pea	\$.30	\$0.55	\$1.25	\$2.40
Broad Windsor	.35	.65	1.50	2.75
Dwarf Horticultural	.35	.65	1.50	2.75
Red Kidney	.30	.60	1.40	2.50
White Marrowfat	.30	.55	1.40	2.50



BEET—Table Varieties

	Pkt.	Oz.	¼ lb.	Lb.
Arlington Favorite Blood (Turnip)	\$.10	\$0.20	\$0.60	\$1.75
Bassano Extra Early (Turnip)	.10	.15	.45	1.25
Bastian's Extra Early (Turnip)	.10	.20	.50	1.50
Bastian's Half Long Blood	.10	.20	.60	1.75
Crimson Globe	.10	.20	.60	1.75
Crosby's Egyptian (Turnip)	.10	.20	.60	1.75
Detroit Dark Red (Turnip)	.10	.20	.60	1.75
Detroit Dark Red (Michell's Special Strain)	.10	.25	.75	2.25
Eclipse Extra Early (Round)	.10	.20	.60	1.75
Lentz Early	.10	.15	.50	1.50
Michell's Ideal	.10	.20	.70	2.25
Michell's Winter Keeper	.10	.25	.75	2.50

CARROTS

	Pkt.	Oz.	¼ lb.	Lb.
Chantenay Half Long	\$.10	\$0.20	\$0.60	\$1.75
Danvers Half Long	.10	.20	.60	1.75
Early Half Long Scarlet	.10	.20	.60	1.75
Early Scarlet Horn	.10	.20	.60	1.75
Guerande or Oxheart	.10	.20	.60	1.75
Improved Long Orange	.10	.15	.60	1.75
Orange Beauty	.10	.15	.60	1.50
Rubicon Half Long	.10	.20	.60	1.75
Very Early Short Horn	.10	.20	.65	2.00
White Belgian	.10	.15	.40	1.25

CAULIFLOWER

	Pkt.	¼ oz.	Oz.
Danish Giant (Late)	\$.025	\$1.00	\$3.00
Early Snowball (True), for forcing	.25	.85	2.75
Earliest Snow Storm, for forcing	.25	1.10	3.50
Half Early Paris, for outdoor use	.10	.50	1.50
Michell's Selected Erfurt (True)	.25	.85	2.75

CORN—SUGAR (Early Varieties)

Large Packets of all varieties 10c. postpaid. If Sugar Corn is wanted by Parcel Post, please add postage as follows, 5c. for 1 lb.; 10c. for 2 lbs.; 15c. for 5 lbs.; 25c. for 10 lbs.

	Lb.	2 lbs.	5 lbs.	10 lbs.
Adams Extra Early	\$.20	\$0.35	\$0.80	\$1.50
Bantam Evergreen	.30	.55	1.25	2.40
Early Evergreen	.30	.55	1.25	2.40
Early Mayflower	.30	.55	1.35	2.50
Golden Bantam	.30	.55	1.25	2.40
Golden Cream	.30	.55	1.25	2.40
Golden Giant	.30	.55	1.35	2.50
Howling Mob	.30	.55	1.25	2.40
Ideal	.20	.35	.80	1.40
Stabler's Extra Early	.30	.55	1.25	2.40
Sugar Kernel	.30	.55	1.25	2.40

CORN—SUGAR (Medium and Late Varieties)

	Lb.	2 lbs.	5 lbs.	10 lbs.
Black Mexican	\$.30	\$0.55	\$1.25	\$2.40
Country Gentlemen	.30	.55	1.25	2.40
Kendel's Early Giant	.30	.55	1.25	2.40
Late Mammoth	.30	.55	1.25	2.40
Little Gem or Shoe Peg	.30	.55	1.25	2.40
Michell's Delicious	.30	.55	1.25	2.40
Stowell's Evergreen	.30	.55	1.25	2.40

CORN SALAD

Large Leaved, Round Seeded. Pkt., 5c.; 10c. per large pkt.; oz., 20c.; 60c. per ¼ lb.; lb., \$1.75.



GARDEN CRESS

(Pepper Cress) Extra Curled. Pkt., 5c.; 10c. per large pkt.; oz., 15c.; 40c. per ¼ lb.; lb., \$1.00.

CUCUMBER

	Pkt.	Oz.	¼ lb.	Lb.
Davis' Perfect	\$.10	\$0.20	\$0.60	\$1.50
Early Fortune	.10	.20	.60	1.50
Evergreen	.10	.20	.60	1.50
Gherkin or Burr	.10	.30	.85	2.75
Japanese Climbing	.10	.25	.75	2.25
Jersey Pickle or Green Prolific	.10	.20	.60	1.50
Long Green Turkey	.10	.20	.60	1.50
White Spined (Arlington Improved)	.10	.20	.60	1.50

ENGLISH CUCUMBERS

These are ideal for growing outdoors as well as under glass. They produce enormous fruits, generally 18 to 24 inches long and 3 inches in diameter.

Lockie's Perfection, Sion House, Telegraph, Tender and True. Each per packet of 12 seeds, 25c.; \$1.75 per 100 seeds.

MICHELL'S SEASONABLE VEGETABLE SEEDS

DANDELION

	Pkt.	Oz.	¼ lb	
Thick Leaved or Cabbaging.....	\$0.10	\$0.90	\$3.25	



Endive, Broad Leaved Batavian

ENDIVE

	Pkt.	Oz.	¼ lb.	Lb.
Broad Leaved Batavian (<i>Escarolle</i>)..	\$0.10	\$0.25	\$0.70	\$2.00
Giant Fringed .....	.10	.25	.70	2.00
Improved Green Curled .....	.10	.25	.70	2.00
White Curled (<i>Self-blanching</i>) .....	.10	.25	.70	2.00



Davey's Improved Big Boston Lettuce

LETTUCE (Heading Varieties)

	Pkt.	Oz.	¼ lb.	Lb.
All Heart	\$0.10	\$0.30	\$0.75	\$2.50
All Right (<i>Michell's</i>) .....	.10	.30	.75	2.50
Big Boston .....	.10	.30	.75	2.50
Boston Market .....	.10	.30	.75	2.50
Davey's Improved Big Boston .....	.10	.35	.85	2.75
Dutch Butter (<i>Private Stock</i>) .....	.10	.30	.75	2.50
Hanson Improved .....	.10	.30	.75	2.50
Iceberg .....	.10	.30	.75	2.50
Kingsholm Cos or Romaine .....	.10	.30	.75	2.50
May King .....	.10	.30	.75	2.50
Michell's Number One .....	.10	.30	.75	2.50
New York or Wonderful .....	.10	.35	1.25	3.75
Prize Head .....	.10	.30	.75	2.50
Salamander (<i>Mammoth</i>) .....	.10	.30	.75	2.50
Unrivald .....	.10	.35	.85	2.75
Way-a-head .....	.10	.30	.75	2.50

LETTUCE (Loose Leaf Varieties)

	Pkt.	Oz.	¼ lb.	Lb.
Black Seeded Simpson	\$0.10	\$0.30	\$0.75	\$2.50
Early Curled Simpson .....	.10	.30	.75	2.50
Grand Rapids .....	.10	.30	.75	2.50
Silesian .....	.10	.30	.75	2.50

MELONS FOR FORCING

	Pkt.
Blenheim Orange	\$0.30
Invincible Scarlet .....	.30
Windsor Castle .....	.30
Sutton's A1 (In original pkts.)	1.25

MUSTARD

	Pkt.	Oz.	¼ lb.	Lb.
Southern Giant Curled	\$0.10	\$0.15	\$0.50	\$1.50
White or Yellow .....	.10	.15	.35	.85

For complete list of Vegetable Seeds see our General Seed catalog, mailed free on request.



KALE

	Pkt.	Oz.	¼ lb.	Lb.
Dwarf Green Curled	\$0.10	\$0.15	\$0.45	\$1.35
Imperial Long Standing .....	.10	.15	.45	1.25
Siberian .....	.10	.15	.45	1.25

Testimonial

Lakewood, N. J., Mar. 10th, 1924.

I am enclosing order for a few articles. Permit me to thank you for your prompt attention to my other orders and say I have always had wonderful success when using your seeds.

T. W. M.

PURE SPORE CULTURE SPAWN

The growing of Mushrooms is rapidly increasing, and the demand for them has reached immense proportions. A fine crop of mushrooms can be secured with very little labor or expense, provided a suitable location can be obtained. Cellars, greenhouses and sheds can be used for their culture.

We are now prepared to offer our customers spawn that is made in quart milk jars under absolutely sterile conditions. The bottle and materials are sterilized under steam pressure of twelve lbs., so that every mould, weed seed or insect is destroyed and each bottle contains nothing but the pure spawn. Every particle is full run, covered with spawn grown direct from the spores. One carton of the spawn equals 5 bricks of ordinary spawn and is sufficient to spawn about 40 square feet. It is less expensive than brick spawn and assures the amateur absolute success, always giving a crop if the beds are made properly. The sterile spawn is dried thoroughly and each piece wrapped in tissue paper, which contains full instructions, not only as to how the spawn should be used, but full particulars about growing mushrooms. Any one can order spawn and with it get the necessary knowledge to make growing entirely successful.

PRICES

Per carton.....	\$1.00	25 cartons.....	\$21.25
12 cartons.....	10.75	60 cartons.....	48.00

If wanted by mail, allow 10c. per carton for postage



1. How spore spawn is made and prepared for sterilizing.

2. The spore product finished, ready for packing in cartons.

3. The wrapped spore spawn in round cartons where it will remain fresh almost indefinitely.



PURE CULTURE BRICK SPAWN

A crop is produced with good spawn, and a little care and patience in about 4 to 6 weeks, and continues bearing about two months. New beds can be started at intervals which will give a supply the entire season. The first planting can be made in July, the last in March. Summer spawned beds do not bear well. Ask for our Free Booklet on Mushroom Culture. One Brick will spawn 8 to 10 sq. ft.

Direct No. 8. Cream White. For use from April to October.

Direct No. 9. Pure White. For use from October to April.

Per Brick.....	\$0.35	Per 10 Bricks.....	\$2.75
Per 5 Bricks.....	1.50	Per 25 Bricks.....	6.50
Per 50 Bricks.....			\$12.50

If wanted by mail, allow for postage at the rate of 10c. per brick.

For complete list of Vegetable Seeds see our General Seed catalog, mailed free on request.

BOOKS ON GROWING MUSHROOMS

Pamphlet (Gratis for a postal card asking for it).	
Mushroom Culture (<i>Duggar</i>).....	\$2.00
Mushrooms, How to Grow (<i>Falconer</i>).....	1.60



MUSHROOM OR HOTBED THERMOMETERS

No. 20450. Heavy Galvanized Iron Point (by mail, \$2.40) . . .	\$2.25
No. 1. Brass Point Wood Case Paper Scale (by mail, \$1.85) . . .	1.75

Thermometers should, wherever possible, be sent by express. We do not guarantee safe arrival if forwarded by parcel post.

PEAS

Large Packets of all varieties 10c. postpaid.
If Peas are wanted by Parcel Post, please add postage as follows:
5c. for 1 lb.; 10c. for 2 lbs.; 15c. for 5 lbs.; 25c. for 10 lbs.

	Lb.	2 lbs.	5 lbs.	10 lbs.
Alaska (<i>Extra Early</i>).....	\$0.35	\$0.65	\$1.50	\$2.75
Ameer (<i>Extra Early</i>).....	.35	.65	1.50	2.75
Bliss Abundance (<i>Medium Early</i>)....	.30	.55	1.25	2.40
Champion of England (<i>Late</i>).....	.35	.65	1.50	2.75
Daisy or Dwarf Telephone (<i>Medium Early</i>).....	.35	.65	1.50	2.75
Dandy Extra Early (<i>Michell's</i>).....	.30	.60	1.40	2.60
Dwarf Champion (<i>Late</i>).....	.30	.60	1.40	2.60
Dwarf Gray Sugar (<i>Edible Pod</i>).....	.35	.65	1.50	2.75
Early June.....	.35	.65	1.50	2.75
Early Morn.....	.35	.65	1.50	2.75
Gradus (<i>Extra Early</i>).....	.35	.65	1.50	2.75
Little Marvel (<i>Early</i>).....	.35	.65	1.50	2.75
Long Island Mammoth (<i>Late</i>).....	.35	.65	1.50	2.75
Michell's Special Extra Early.....	.30	.60	1.40	2.60
Nott's Excelsior (<i>Early</i>).....	.35	.65	1.50	2.75
Potlatch (<i>Medium Early</i>).....	.35	.65	1.50	2.75
Sutton's Excelsior (<i>Extra Early</i>).....	.35	.65	1.50	2.75
Tall Melting Sugar (<i>Edible Pod</i>).....	.40	.75	1.75	3.25
Tall Telephone (<i>Late</i>).....	.35	.65	1.50	2.75
The Pilot or Leader (<i>Extra Early</i>)....	.35	.65	1.50	2.75
Thos. Laxton (<i>Extra Early</i>).....	.35	.65	1.50	2.75
Yankee Prince (<i>Late</i>).....	.35	.65	1.50	2.75

MICHELL'S SEASONABLE VEGETABLE SEEDS

PARSLEY

	Pkt.	Oz.	¼ lb.	Lb.
Champion Moss Curled	\$0.10	\$0.15	\$0.50	\$1.50
Double Curled or Covent Garden	.10	.20	.60	1.75
Hamburg or Rooted	.10	.15	.50	1.50



Radish, Scarlet Globe (Special Forcing)

RADISH (Early Varieties)

	Pkt.	Oz.	¼ lb.	Lb.
Crimson Giant	\$0.10	\$0.20	\$0.60	\$1.75
Early French Breakfast	.10	.20	.60	1.75
Early Scarlet Globe (Special Forcing)	.10	.25	.70	2.50
Icicle (Improved Strain)	.10	.20	.60	1.75
Long Scarlet Short Top	.10	.15	.50	1.50
Round Red Forcing	.10	.15	.50	1.50
Scarlet or Cardinal Globe	.10	.20	.60	2.00
Scarlet Turnip, White Tipped	.10	.15	.50	1.50
White Box, Felton's (Private Stock)	.10	.15	.50	1.50

RADISH (Summer and Winter Varieties)

	Pkt.	Oz.	¼ lb.	Lb.
Celestial or White Chinese	\$0.10	\$0.15	\$0.50	\$1.50
China Rose	.10	.15	.50	1.50
Half Long Black	.10	.15	.50	1.50
White Strasburg	.10	.15	.50	1.50

SORREL

	Pkt.	Oz.	¼ lb.	Lb.
Broad Leaved French	\$0.10	\$0.25	\$0.65	\$2.00

TOMATOES (Forcing Varieties)

	Pkt.	½ oz.	Oz.
Best of All (Sutton's)	\$0.10	\$0.30	\$0.60
Comet	.10	.20	.40
Eclipse (Sutton's) in original pkts.	1.00		
Michell's Crackerjack	.10	.20	.40

TURNIP AND RUTA BAGA

	Pkt.	Oz.	¼ lb.	Lb.
Cow Horn	\$0.10	\$0.15	\$0.30	\$0.80
Early Purple Top, Flat	.10	.15	.30	.80
White Globe (Private Stock)	.10	.15	.30	.85
Snowball	.10	.15	.30	.80
Southern Seven Top	.10	.15	.30	.80
Yellow Aberdeen, Flat	.10	.15	.30	.85
Yellow Globe, or Amber	.10	.15	.30	.80
Ruta Baga, Yellow Purple Top (Private Stock)	.10	.15	.30	.85



Spinach, New Zealand

SPINACH

	Pkt.	Oz.	¼ lb.	Lb.
Bloomsdale Savoy (Improved Strain)	\$0.15	\$0.30	\$0.85	
Long Season	.15	.30	.85	
Market Gardener's (New)	.10	.30	1.00	
New Zealand	\$0.10	.15	.40	1.00

SWISS CHARD

	Pkt.	Oz.	¼ lb.	Lb.
Giant Lucullus	\$0.10	\$0.15	\$0.50	\$1.25

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Turnips

PRICES WHERE NOTED SUBJECT TO MARKET CHANGES

CLOVERS

Alfalfa or Lucerne (*Medicago Sativa*). Non-irrigated Western Grown Seed. This is sown during May, August and September. Careful preparation of the soil previous to sowing is the main thing. Sow not less than $\frac{1}{2}$ bushel (30 lbs.) per acre, preferably with no other crop. Price on application.

Alfalfa (*Grimm Strain*). Claimed to be hardy in any and all regions; a heavy yielder and of deeper rooting ability. It requires about 10 lbs. of Grimm Alfalfa to properly seed an acre on account of its great root system and spreading habit. Price on application.

Alsike or Swedish Clover (*Trifolium Hybridum*). One of the best for mixing with timothy; perfectly hardy in every climate or soil condition; grows from 1 to 2 feet high. Sown early in the spring or late summer and early autumn. Sow 10 to 15 lbs. per acre alone or 8 lbs. per acre with timothy. Price on application.

Bokhara or Sweet Clover (*Melilotus Alba*). While extensively used as a bee food, this is a valuable variety for soiling (green manure). Grows from 3 to 5 feet high, thriving on almost any kind of soil. We handle only the true white-flowered variety. Sow 15 lbs. per acre in early spring alone, or 10 lbs. per acre with other crops. Price on application.

Crimson Clover (*Trifolium Incarnatum*). This is used principally for soiling or green manuring, for which purposes it is highly valuable. If desired for feed, cut it just before it flowers. When desired for green manure, it should be allowed to mature; its height is from 1 to 2 feet. Sow any time from April to October, the earlier the better, 20 lbs. to the acre. Price on application.

Hubam (*Sweet Clover*). A new strain of annual white flowering clover. One of the best fertilizing plants, and a wonderful hay and pasture crop. Sow 12 pounds per acre broadcast or 3 pounds in cultivated rows early in the spring. Price (subject to change), scarified seed, 50c. per lb. (by mail, 60c.); 5 lbs., \$2.40 (by mail, \$2.55); \$4.50 per 10 lbs. (by mail, \$4.75); 25 lbs., \$10.00; \$37.50 per 100 lbs.

Mammoth Red Clover (*Trifolium Pratense Perenne*). This differs from the "Medium," being of a ranker growth and yielding more fodder per acre. It ripens somewhat later and is more hardy, lasting several seasons longer than the medium red clover. Sow in early spring or in July and August, using 20 lbs. per acre alone, or with other crops 10 lbs. per acre. Price on application.

Red Clover, Medium (*Trifolium Pratense*). More widely known and used than any other; used principally for hay purposes. Height from 18 inches to 2 $\frac{1}{2}$ feet. Sow early in the spring or in late summer—July and August; if alone, 20 lbs. per acre; if with other crops, 10 lbs. per acre. Price on application.

White Dutch or Lawn Clover (*Trifolium Repens*). This is valuable for pasturage; it succeeds where other clovers and grasses fail, and it seldom dies out. It can be sown at all seasons; flowers greenish white. Sow 10 to 12 lbs. per acre if alone or 5 lbs. if sown on old turf or with other crops. Per pkt., 5c.; 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 45c. per $\frac{1}{2}$ lb. (by mail, 50c.); 1 lb., 85c. (by mail, 95c.); \$4.00 per 5 lbs. (by mail, \$4.15); 10 lbs., \$7.75 (by mail, \$8.00); \$45.00 per bu. of 60 lbs.; per 100 lbs., \$75.00. Prices on White Clover subject to change.

BARLEY

Sow broadcast 1 $\frac{1}{2}$ to 2 bushels per acre from May 15th to July 1st. 48 lbs. per bushel. Barley makes an ideal nurse crop for spring sown Alfalfa. When sown in connection with alfalfa, use $\frac{1}{2}$ to $\frac{3}{4}$ bushel per acre broadcast.

Beardless. New York grown stock; frequently yields 50 bushels per acre. Price on application.

Note.—While offered as beardless, barley has the fault of reverting back to its type which is bearded, so that some bearded heads will invariably appear in the field.

BEANS, SOJA OR SOY

Excellent for green manuring, fodder and silo purposes. Sow 1 $\frac{1}{2}$ bushels per acre alone, or $\frac{1}{2}$ bushel Soja Beans with one bushel Cow Peas.

Mammoth Yellow (*Late*). **Wilson** (*Early*). Price on application.

BUCKWHEAT

In the locality of Philadelphia this is sown any time from June 1st to July 15th, one bushel of 48 lbs. broadcasted to the acre. It makes a very fine quality of flour, but is largely used for poultry food. Any of the clover crops can be sown with buckwheat, these to mature the following season. Buckwheat frequently yields as much as 80 bushels to the acre.

Japanese. A very early variety; large, dark grain. Price on application.

COW PEAS

Cow Peas are one of the best, largest yielding and most nutritious of the farm crops. Cattle, sheep or hogs can be turned into a field of them and they will eat them greedily, and the stubble can be plowed under. In the latitude of Philadelphia, sow from May 1st to July 1st, two bushels per acre broadcast, or one bushel per acre in drills. For a large crop, sow the seed as late as possible.

Black. One of the popular varieties extensively grown. Very prolific and matures early; of upright growth, consequently preferred for ploughing under or for grazing stock.

Large Black Eye. An exceedingly heavy cropper, but late to mature.

Whippoorwill. Medium early; upright growing; a variety more extensively used than any other.

Prices: These fluctuate constantly; will be quoted on request.

KAFFIR CORN — White for Seed

The grain is used for feeding poultry and the fodder for cattle. Grows from 4 to 6 feet high, the grain being produced on the top of stalk in the shape of a brush; frequently as many as four heads of grain will be found on a single stalk. It usually ripens after the first few frosts; produces enormous crops. Can be sown as late as July at the rate of 10 lbs. per acre in drills. (Bu. 56 lbs.) Price on application.

MILLET

Can be sown as late as July 15th and yield a tremendous crop. Is also desirable for green manuring, when it should be turned under when about 10 inches high. Makes an excellent green food for stock. If used for hay it should be cut just as it matures.

Hungarian. The seed produces hay not so fine in quality as the "Golden," also fully a foot less in height. It can, however, be sown some 2 weeks later. Sow 1 bushel (50 lbs.) per acre.

Japanese Barnyard. This yields possibly more fodder than any other forage plant. Frequently as high as 12 tons of green food has been obtained from an acre. If sown early in May it may be cut twice in one season. Sow 12 lbs. per acre broadcast, any time from May 1st to July 15th.

Tennessee Golden. This requires a longer season to mature than the other sorts; produces a very fine quality of hay and makes a larger seed head. In good seasons it grows about 4 ft. high. Sow 1 bu. (50 lbs.) broadcast to the acre, from April 10th to July 15th.

Price on Millet upon application.

RAPE

Dwarf Essex. An excellent green food for sheep and hogs; can be pastured 8 weeks after sowing. Sow 6 lbs. per acre broadcast or in drills from April 1st to October 1st. It produces enormous crops and is ideal green manure. Price on application.

WINTER RYE

Pennsylvania White. This makes a fine winter cover crop, being usually sown in the autumn as late as November, making a very fine yield of long, stiff straw. Winter rye will not mature if sown in spring. 56 lbs. per bu. Sow 1 $\frac{1}{2}$ bushels per acre.

Rosen. An improvement on the above, yielding more grain and straw.

Price on Rye, upon application.

TIMOTHY SEED

For sowing among wheat as a second year hay crop, or for sowing alone for a first year hay crop, this is extensively used. We aim to sell the purest and highest germinating quality. 45 lbs. per bushel. Samples and quotation on request.

WINTER VETCH (*Vicia Villosa*)

Sometimes called Sand or Hairy Vetch. Our stock of this is the true type, being imported by us direct from Russia, which will absolutely live throughout the winter. Sow from August 1st to October 1st, but the earlier the better, broadcast, 1 bushel per acre, to which we suggest adding a bushel of winter rye or wheat. In the spring it can be plowed under as green manure, or when in flower cut for hay. All stock relish it keenly. Price on application.

WINTER WHEAT (Ready about Sept. 10th)

Four-Rowed Fultz (*Beardless*). Red.

Lancaster-Fulcaster (*Bearded*). Dark red.

Leap's Prolific (*Beardless*). Dark red.

Miracle (*Bearded*). Red.

Penna. No. 44 (*Bearded*). Red.

Price on application.

Our grass seeds are rigidly tested for purity and germination at the growing point, in the laboratories of the United States Department of Agriculture and by ourselves, and will be found of highest quality. We make special formulas to suit various soils, climatic and local conditions.

Quantity to Sow for Lawns; you cannot sow too much, the more the better, it means quicker, more satisfactory and more lasting results. On a small scale a quart will usually seed a space of 10 x 10 feet, though twice that quantity is better; 6 to 8 or 10 bushels of 20 lbs. per bushel on new ground without grass, is the proper quantity per acre; 1 peck is needed for a space of 1000 square feet; ½ bushel for a space 2000 square feet; 1 bushel for a space 4000 square feet or say 40 x 100 feet. For Putting Greens we advise 100 lbs. of seed for greens 100 x 100 feet. For Fairways, 8 to 10 bushels per acre. For Pasture and Hay Fields, 4 to 5 bushels per acre, based on a 20 pound bushel.

Michell's "Top Notch" Lawn Grass Seed. The top notch of quality. A perfectly blended combination of quick growing, very compact, fine bladed grasses that will produce a perfect lasting turf in a few weeks. 25 lbs. per bu. 25c. per pt.; qt., 45c.; 85c. for 2 qts.; 4 qts., \$1.50; \$2.75 per pk.; bu., \$10.00; 100 lbs., 37½c. per lb.

Michell's Green Velvet Lawn Grass Seed. Produces a perfect turf; composed of close growing, fine leaved hardy grasses. 20 lbs. per bu. 20c. per pt.; qt., 35c.; 65c. for 2 qts.; 4 qts., \$1.25; \$2.25 per pk.; bu., \$8.00; 100 lbs., 37½c. per lb.

Michell's Evergreen Lawn Grass Seed. Composed of the finest native and foreign short growing and fine bladed grasses. 20 lbs. per bushel. 15c. per pt.; qt., 30c.; 55c. for 2 qts.; 4 qts., \$1.00; \$1.75 per pk.; bu., \$6.50; 100 lbs., 30c. per lb.

Michell's Clover Lawn Grass Seed. The increasing demand for a grass seed mixture, containing a larger proportion of White Lawn Clover induced us to offer this brand; mixed with a liberal quantity of the best re-cleaned White Clover, which is peculiarly suited to take firm hold and grow quickly on hard or worn-out spots which sun burn easily. Splendid for seashore lawns. 30 lbs. per bu. 30c. per pt.; qt., 50c.; 90c. for 2 qts.; 4 qts., \$1.75; \$3.25 per pk.; bu., \$12.50; 100 lbs., 40c. per lb.

Michell's Seashore Lawn Grass Seed. Contains such grasses as thrive in salt air regions. 20 lbs. per bu. 20c. per pt.; qt., 35c.; 65c. for 2 qts.; 4 qts., \$1.25; \$2.25 per pk.; bu., \$8.00; 100 lbs., 37½c. per lb.

Michell's Shaded Lawn Grass Seed. Will produce a perfect sward in the most densely shaded places. 20 lbs. per bu. 20c. per pt.; qt., 35c.; 65c. for 2 qts.; 4 qts., \$1.25; \$2.25 per pk.; bu., \$8.00; 100 lbs., 37½c. per lb.

Fairmount Park Lawn Seed. A mixture meeting the requirements of those desiring a moderately priced grass seed. 20 lbs. per bu. Pt., 15c.; 25c. per qt.; 2 qts., 45c.; 75c. for 4 qts.; pk., \$1.50; \$5.50 per bu.; 100 lbs. at 25c. per lb.

Special Sod Grass Seed. Produces a heavy sod in a short time. 20 lbs. per bu. Pt., 15c.; 30c. per qt.; 2 qts., 55c.; \$1.00 for 4 qts.; pk., \$1.75; \$6.50 per bu.; 100 lbs. at 30c. per lb.

Michell's Terrace or Embankment Grass Seed. This mixture is composed of deep rooting varieties properly blended which will give very satisfactory results. 20 lbs. per bu. 20c. per pt.; qt., 35c.; 65c. for 2 qts.; 4 qts., \$1.25; \$2.25 per pk.; bu., \$8.00; 100 lbs. at 37½c. per lb.

Michell's Fair Ways (Golf Course) Mixture. Composed of short-growing, deep-rooted varieties that resist wear. Fairways to retain their permanency should receive additional sowings during the season. 20 lbs. per bu. 15c. per pt.; qt., 30c.; 55c. for 2 qts.; 4 qts., \$1.00; \$1.75 per pk.; bu., \$6.50; 100 lbs. at 30c. per lb.

Southern States Evergreen Lawn Grass Seed. Made up especially for dry, hot localities; especially suited to the Southern States. 20 lbs. per bu. 15c. per pt.; qt., 30c.; 55c. for 2 qts.; 4 qts., \$1.00; \$1.75 per pk.; bu., \$6.50; 100 lbs. at 30c. per lb.

Michell's Athletic Field Grass Seed. A special mixture of deep rooting, fine leaved grasses, especially suited for Baseball, Football and Cricket Grounds. 20 lbs. per bu. Per qt., 30c.; 55c. for 2 qts.; 4 qts., \$1.00; \$1.75 per pk.; bu., \$6.50; 100 lbs. lots and over 30c. per lb.

Michell's Tennis Court Grass Seed Mixture. Our mixture will be found particularly adapted for the purpose as grass is coming more into favor on tennis courts. 20 lbs. per bu. 20c. per pt.; qt., 35c.; 65c. for 2 qts.; 4 qts., \$1.25; \$2.25 per pk.; bu., \$8.00; 100 lbs. at 37½c. per lb.

Michell's Putting Greens Mixture. A mixture of quick-growing, short, fine-bladed grasses, over which the ball can roll without resistance. We do not recommend less than 100 lbs. to a green 100 feet square. 25 lbs. per bu. 35c. per pt.; qt., 65c.; \$1.25 for 2 qts.; 4 qts., \$2.25; \$4.00 per pk.; bu., \$15.00; 100 lbs. at 55c. per lb.

Michell's Teeing Grounds Mixture. Used on golf course tees or in other places where a tough resisting turf is wanted. 20 lbs. per bu. Pt., 20c.; 35c. per qt.; 2 qts., 65c.; \$1.25 per 4 qts.; pk., \$2.25; \$8.00 per bu.; 100 lbs. at 37½c. per lb.

Michell's Permanent Pasture Grass Seed. This mixture is a combination of hardy grasses which are the most nutritious for stock feeding or grazing. Sow 4 to 5 bu. per acre on new land or 2 bu. on established pastures. 20 lbs. per bu. Per pt., 15c.; 25c. per qt.; 2 qts., 45c. 85c. for 4 qts.; pk., \$1.50; \$5.50 per bu.; 100 lbs. at 25c. per lb.

Michell's Permanent Hayfield Grass Seed. Its main advantages are that certain grasses in this mixture will grow better in varying conditions of soil, thus giving a full crop of hay on land that otherwise might produce but a half crop of timothy and clover. Sow 4 to 5 bu. per acre on new lands or 2 bu. on established fields. 20 lbs. per bu. Per pt., 15c.; 25c. per qt.; 2 qts., 45c.; 85c. for 4 qts.; peck, \$1.50; \$5.50 per bu.; 100 lbs. at 25c. per lb.

WHITE CLOVER

Choice re-cleaned for sowing on lawns, pastures, etc. Sow 10 to 12 lbs. per acre. 5c. per pkt.; oz., 10c.; 25c. per ¼ lb.; ½ lb., 45c.; 85c. per lb.; 5 lbs. for \$4.00; \$7.75 per 10 lbs.; bu., \$45.00; \$75.00 per 100 lbs. Price for larger quantity on application.

GRASSES IN SEPARATE VARIETIES

Prices quoted upon application

Bent Grass, Colonial, or Velvet. A very fine bladed grass; especially valuable for putting greens (20 lbs. per bu.).

Bent Grass, South German, Mixed. For lawns, putting greens, tennis courts, etc., sow 100 lbs. on a putting green 100 feet square (20 lbs. per bu.).

Bermuda Grass. For sowing as far North as Washington, D. C., above which latitude it is not hardy (35 lbs. per bu.).

Blue Grass, Fancy Kentucky (Poa Pratensis). Sow 5 to 6 bu. per acre on lawns, 4 to 5 bu. on pasture fields (14 lbs. per bu.).

Blue Grass, Canadian (Poa Compressa). Sow in same proportions as Kentucky Blue Grass Seed (14 lbs. per bu.).

Creeping Bent (see South German Mixed Bent).

Crested Dogstail (Cynosurus Cristatus). Excellent as a pasture and lawn grass. Sow 4 to 5 bu. per acre (21 lbs. per bu.).

Fescue, Chewing's New Zealand (Festuca Chewing's). Especially recommended for putting greens and lawns (14 lbs. per bu.).

Fescue, Creeping (Festuca Rubra). For sowing on sandy soil and in shaded places; also on putting greens (14 lbs. per bu.).

Fescue, Fine Leaved (Festuca Tenatifolia). This grass is especially valuable for dry soils. Sow 5 bu. per acre (14 lbs. per bu.).

Fescue, Hard (Festuca Duriuscula). Splendid for golf links, tennis courts, etc. Sow 6 to 7 bu. per acre (12 lbs. per bu.).

Fescue, Meadow (Festuca Pratensis). Sow 100 lbs. per acre (22 lbs. per bu.).

Fescue, Red (Festuca Rubra). Valuable for putting greens; also for sowing on sandy soil and in shaded places (14 lbs. per bu.).

Fescue, Sheep's (Festuca Ovina). For sowing on lawns, fields, or pleasure grounds. Sow 6 bu. per acre (12 lbs. per bu.).

Herd or Red Top, Fancy Re-cleaned. One of the best grasses for sowing for immediate effect. Sow 35 lbs. per acre (32 lbs. per bu.).

Herd or Red Top, Unhulled (Agrostis Vulgaris). Sow 6 to 8 bu. per acre on lawns, or 5 bu. on pasture lands (10 lbs. per bu.).

Orchard Grass (Dactylis Glomerata). Fine for sowing in shaded places. Sow 50 lbs. per acre (14 lbs. per bu.).

Rhode Island Bent. For sowing at seashore resorts, on putting greens, tennis courts, etc. Sow 100 lbs. on a putting green, 100 ft. square. (14 lbs. per bu.).

Rough Stalked Meadow (Poa Trivialis). A splendid grass for shady places. Sow 100 lbs. per acre (14 lbs. per bu.).

Rye Grass, English or Perennial (Lolium Perenne). (Pacey's Fancy Short Seeded.) This makes the quickest returns in growth of any grass. Sow 5 bu. per acre (24 lbs. per bu.).

Rye Grass, Italian (Lolium Italicum). Very desirable for pasture; ideal for southern lawns. Sow 100 lbs. per acre (18 lbs. per bu.).

Sudan Grass Seed (Annual). This belongs to the forage crops and is allied to the millets. Sow 16 to 24 lbs. per acre.

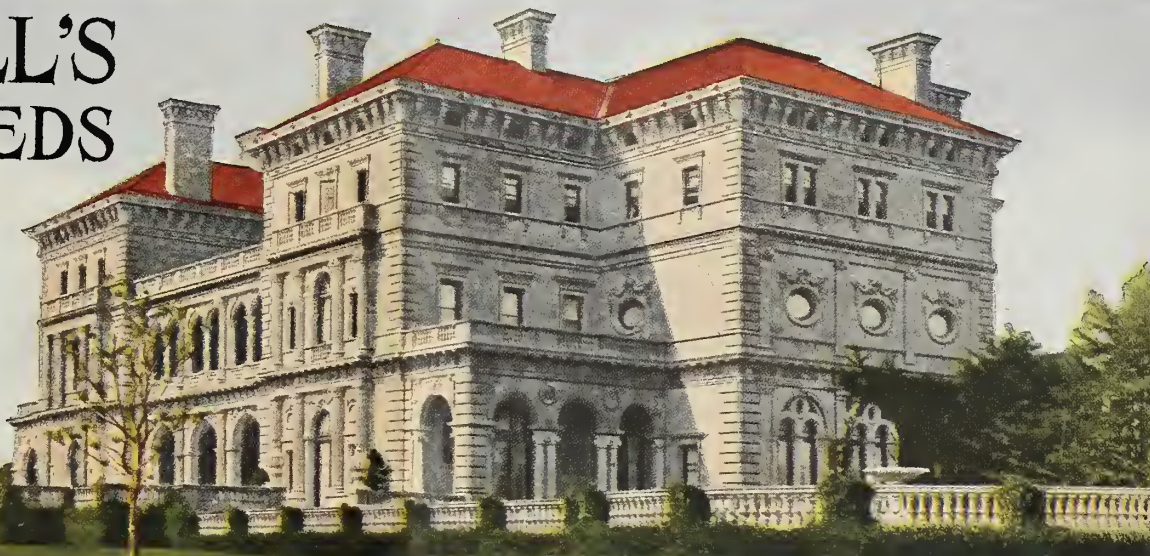
Sweet Vernal (Annual). 5 lbs. per acre with other grass.

Sweet Vernal (Perennial). 5 lbs. per acre with other grass.

Timothy (Phleum Pratense). Sow one-half bu. per acre alone (45 lbs. per bu.).

Wood Meadow (Poa Nemoralis). The best grass for sowing under trees. Sow 75 to 100 lbs. per acre (14 lbs. per bu.).

MICHELL'S GRASS SEEDS for Every Purpose

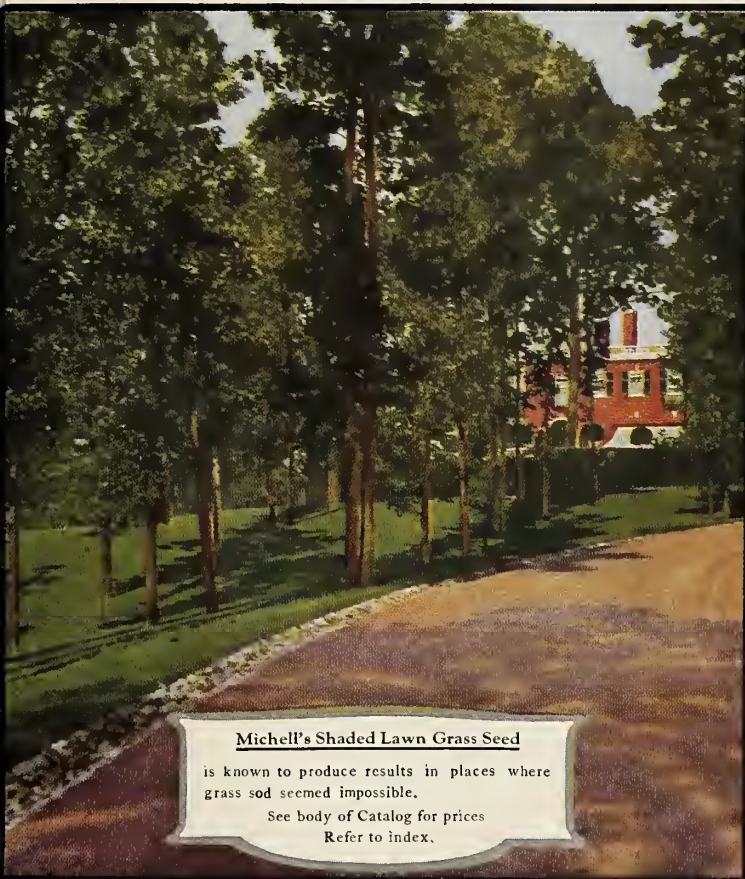


Michell's Green Velvet Grass Seed

is undoubtedly the best value at the price to be found anywhere. The formula is based on experience and tests and is being constantly improved where possible.

See body of Catalog for prices

Refer to index.



Michell's Shaded Lawn Grass Seed

is known to produce results in places where grass sod seemed impossible.

See body of Catalog for prices

Refer to index.



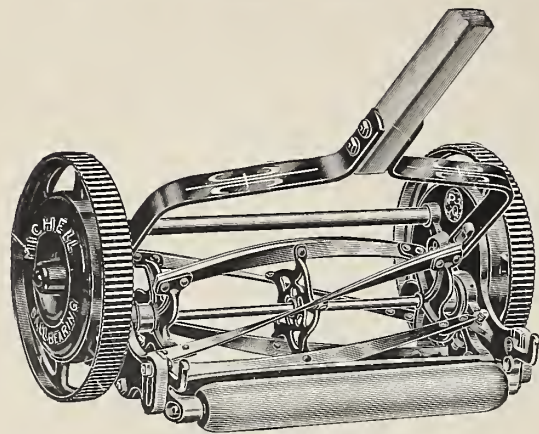
Michell's Seashore Grass Seed

thrives under a variety of seashore conditions, which usually are hard to meet with the ordinary mixtures of grass seed.

See body of Catalog for prices

Refer to index

WIZARD BRAND SHEEP MANURE A wonderful natural fertilizer; unequaled for the lawn.
Please see body of Catalog for prices; refer to index.



Michell's BB High Wheel Lawn Mower

THE MICHELL HIGH WHEEL BALL BEARING LAWN MOWER

10-inch wheel, 5-blade cylinder.

15-inch cut.....	\$21.75	19-inch cut.....	\$27.75
17-inch cut.....	24.75	21-inch cut.....	29.75

PENNA. JR. BALL-BEARING MOWER

8-inch or low wheel, 5-blade cylinder, 5 1/2-inch diameter.

12-inch.....	\$15.50	16-inch.....	\$21.00
14-inch.....	18.50	18-inch.....	24.00

10-inch or high wheel, 5-blade cylinder, 6-inch diameter.

15-inch.....	\$27.00	19-inch.....	\$34.50
17-inch.....	30.50	21-inch.....	38.50

We can also supply the Penna. Standard in same sizes and prices as above.

CONTINENTAL MOWER

High wheel, 10 1/2-in. diameter.

15-inch.....	\$27.00	19-inch.....	\$34.50
17-inch.....	30.50	21-inch.....	38.50

PENNA. PUTTING GREENS MOWER

Roller Mower Type

6-blade cylinders, 5 1/2-inch diameter.

16-inch cut.....	\$34.00	18-inch cut.....	\$38.00
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PENNSYLVANIA GOLF LAWN MOWER

High wheel, 7-blade cylinder, ball-bearing.

17-inch... \$34.00	19-inch... \$38.00	21-inch... \$42.00
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GREAT AMERICAN MOWER

10-inch high wheel, 5-blade cylinder, ball-bearing.

15-inch.....	\$19.50	19-inch.....	\$25.00
17-inch.....	22.50	21-inch.....	28.00

COLDWELL IMPERIAL MOWER

High wheel, 4-blade cylinder, roller bearing.

14-inch.....	\$19.50	18-inch.....	\$22.00
16-inch.....	20.75	20-inch.....	23.25

DELTA LAWN MOWER

Low wheel, ball bearing.

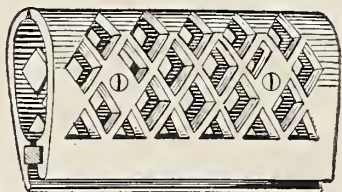
12-inch.....	\$12.00	16-inch.....	\$12.50
14-inch.....	12.25	18-inch.....	13.00

JEWEL LAWN MOWER

High wheel; 4-blade cylinder.

12-inch.... \$9.25	14-inch.... \$10.25	16-inch.... \$10.75
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LOGAN LAWN MOWER SHARPENER



Can be adjusted for any thickness of blade and when properly set will give a uniform bevel, the sharpener following the twist of the knife. It will also sharpen the under blade or dead knife. Price, 75c. each, postpaid. Extra files, 30c. each.

GRASS CATCHERS

Keen Cutter. Designed to fit any size or style mower, and can be attached or detached in a moment. Made of galvanized iron bottom and canvas sides. For mowers 12 to 16 inches cutting width, \$1.65 each; for mowers 17 to 22 inches cutting width, \$2.00 each.

Braun Make. Galvanized bottom, canvas back and sides; will fit any of the Pennsylvania line of hand mowers.

12-inch.....	\$3.00	16-inch.....	\$3.50	19-inch.....	\$4.00
14-inch.....	3.25	17-inch.....	3.75	21-inch.....	4.25
15-inch.....	3.50	18-inch.....	3.75		

Catchers for Penna. Golf and Putting Greens mowers, all sizes, 14- to 21-inch, \$8.00 each.

Catchers for Penna. Horse and Pony mowers. 25-inch for Pony mower, \$5.50; 30-inch, \$30.00; 38-inch, \$38.00.

LAWN AND PUTTING GREEN CLEANER

The flexible rake bars are of wood, with steel springs and teeth; they rotate just like a lawn mower cylinder and clean up every particle of leaves, litter or rubbish, throwing it into a receptacle or bag in the rear, which is of large capacity.

24-in. Rake, or Sweep-er, \$32.00.

36-in. Rake only, \$45.00.

Please specify when ordering if wanted for lawn or putting greens.



Sweeping Brushes. Can be readily attached to the Rake for sweeping lawns, putting greens, paths, etc. \$9.00 per set of three, when purchased separately. We can also supply the Philadelphia Horse Lawn Sweeper. Price upon application.

LAWN TRIMMERS

For cutting around walks, drives, flower beds and borders.

Pennsylvania. Regular style; ball-bearing; 5 1/2-inch cut. \$10.50

Pennsylvania. Undercut style; ball-bearing..... 12.00

Capitol. 6-inch cut..... 11.00

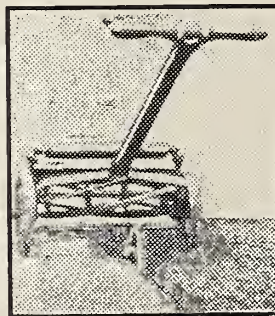
Coldwell. 8-inch cut..... 10.25

Coldwell Gem. 8-inch cut..... 8.00

ALLEN McWHORTER EDGER

Attachment for Lawn Mower

Sidewalks are quickly and easily trimmed with this simple, practical device. Easy to attach to any mower made by the Penna. L. M. Co.—see illustration. The weight of mower forces the EDGER to depth required and the mower wheels keep it in position. Turn the mower upside down and walk along as easily as when mowing. Easily detached if desired, can be adjusted in any position. Price, \$1.50. By P. P. \$1.65.

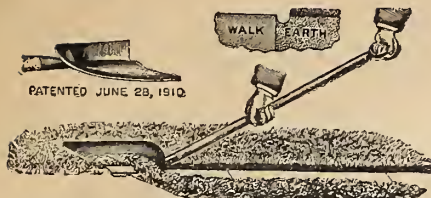


PLANET JR. No. 2, GRASS EDGER

A simple steel disc device, with a flange that runs on the cement path, to cut away the grass which hangs over the edge of the walk; this revolving disc operates very easily and does not cut away any of the soil which some people object to; can be used successfully on straight or curved cement paths. Price, \$2.00.

Improved Clean Cut Lawn Mower Blade

An attachment which can be fastened to any hand machine that will leave an even, smooth cut turf. Price, for any size machine, \$1.65.



No. 136, IMPERIAL LAWN EDGE TRIMMER

With this tool the rough straggling, overhanging grass along the edges of the walk can be trimmed in a few minutes. It plows a clean U-shaped trench, delivering the cutting on the sidewalk. The edges along the curbing and walk of an eighty foot lot can be trimmed in twenty minutes, leaving the whole surroundings neat and attractive. Price, \$1.50.

LAWN MOWER OIL

Pure oil that will not gum or get sticky is an essential for the satisfactory operation of every mower. The oil sold by us has been selected with this point in view.

Prices: Per pint, 35c.; 50c. per quart; per 1/2 gal., 65c.; \$1.00 per gal.; 5 gals., \$4.00.

Lawn Mower Oil Cannot be Mailed.

GEM OIL CANS

Finished, Brazed Steel.

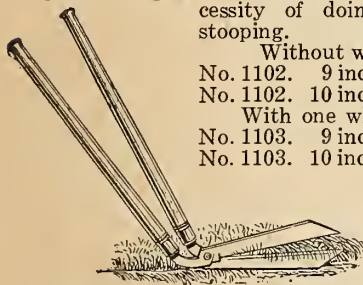
Cap.	Spout	Price
No. 1706.	8-oz. 6-inch, bent	\$0.60
No. 1706.	8-oz. 6-inch, straight	.60
No. C14AA.	8-oz. 5-inch, straight, coppered	.40
No. 1606.	1/3-pt. 6-inch, bent, steel	.50
No. 1606B.	1/3-pt. 6-inch, bent, brass	.90

EMERY

For sharpening Lawn Mowers. Price, 20c. per lb. (by mail, 30c.); 10 lbs., \$1.80 (by mail, \$2.05).

LAWN BORDER SHEARS

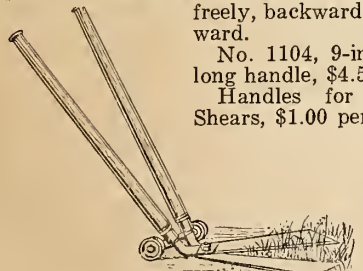
Made of finest American steel. They take the place of edging knives, and avoid the necessity of doing much stooping.



Without wheel.	
No. 1102.	9 inch.. \$3.50
No. 1102.	10 inch.. 4.00
With one wheel.	
No. 1103.	9 inch.. 4.00
No. 1103.	10 inch.. 4.25

LAWN BORDER SHEARS

For trimming under shrubbery, fences and other out-of-the-way places. The two wheels permit the shears to move over the ground freely, backward and forward.

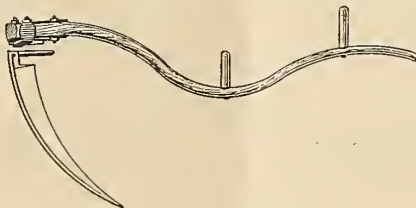


No. 1104, 9-in. blade, long handle, \$4.50.
Handles for Border Shears, \$1.00 per pair.



EDGING KNIVES

For trimming edges of paths, etc.
*Equipped with handle. English style 25c. additional for handles.
*Mehler Edging Tool.....\$1.25
*No. 040. American..... 1.25
No. 3863. English, 9 inch..... 2.25



SCYTHES

	Each
English, 32-inch, rivet back	\$3.15
English, 34-inch, rivet back	3.25
English, 36-inch, rivet back	3.50
American, Little Giant, 32-inch	2.25
American, Little Giant, 34-inch	2.25
American, Little Giant, 36-inch	2.25
Little Giant Brush or Briar	2.25
Snathes or Handles for Scythes	1.75

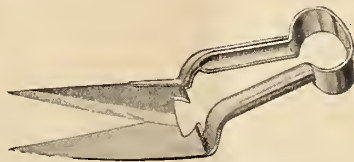


SICKLES or GRASS HOOKS

	Each	By mail
English Rivet Back, No. 2	\$1.10	\$1.20
English Rivet Back, No. 3	1.15	1.25
English Solid Back No. 2	1.00	1.10
Little Giant	.70	.80
Dutch or German No. 2	.65	.75

SHARPENING STONES

	Each	Doz.
Waterloo (Talacre Style)	\$0.30	\$3.25
Darby Creek	.30	3.25
Carborundum	.35	4.00



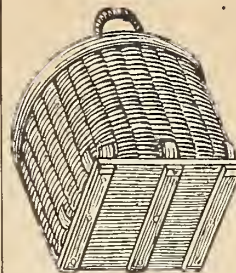
GRASS SHEARS

Do not buy a cheap grass shear, they do not last long, nor do they keep a sharp edge, which is an essential in trimming grass; our list comprises the best makes.

No.	Each
26.	5 1/2 inch, American.....\$0.50
114.	7 inch, English, trowel shank handle..... 2.75
113.	7 inch, English, straight handle..... 2.25
0267.	6 inch, American..... 1.00
0267.	7 inch, American..... 1.15
Goodwin Make	1.75

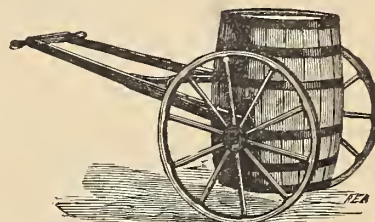
If wanted by parcel post, add 10c. each for postage.

RUBBISH BASKETS



On all large places, on the lawn, in flower and vegetable gardens, a basket for gathering up rubbish and litter will be found a great convenience, especially when it is suited for the purpose. This basket holds 3 bushels and can be carried or wheeled on a barrow. Price, with rope handles, \$4.50 each.

wheeled on a barrow. Price, with rope handles, \$4.50 each.



BARREL TRUCKS, ETC.

The price below includes barrel and truck. The latter is constructed so that the barrel may be detached quickly and the leaf rack attached.

2 1/2-inch tire truck, all iron wheels, with barrel	\$20.00
3 1/2-inch tire truck, all iron wheels, with barrel	21.00
Extra Barrels, with trunnions, open head	6.00



KEYSTONE LEAF RACKS

This device can be used on wheelbarrows with removable sides. Convenient for gathering leaves, cut grass and rubbish. Has a capacity of 10 bushels; made of galvanized wire, bolted to a wooden base. Price, not including wheelbarrow, \$8.00.

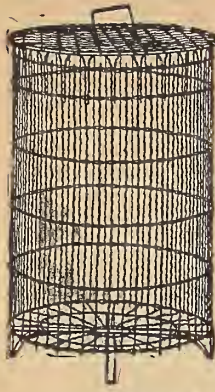


WOOD LEAF RACKS

Excellent for gathering leaves, litter, grass, etc. They can be attached to a water barrel truck as shown above.

Leaf Rack only, no truck	\$8.00
Leaf Rack with 2 1/2-inch tire truck	20.00
Leaf Rack with 3 1/2-inch tire truck	21.00
Truck with 3 1/2-inch tire wheels, no rack or barrel	13.50

RUBBISH CONSUMERS



Made of galvanized wire; an indispensable arrangement for burning rubbish, paper, leaves, etc., without endangering property.

Light Wire

- Diam. High Price
 A. 12 in. 18 in... \$2.25
 B. 15 in. 22 in... 2.50
 C. 18 in. 26 in... 2.75
 D. 21 in. 31 in... 3.50

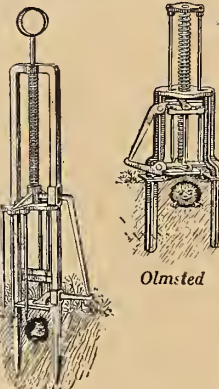
Extra Heavy Construction

- No. 10, 16x22 in. \$12.00
 No. 20, 20x30 in. 16.00

MOLE TRAPS

Complete Book-let on the Habits of the Mole mailed free, or included with each Mole Trap if asked for at time of ordering.

For catching moles that ruin lawns and damage the contents of hotbeds and cold frames. Moles move usually about 5 A.M. and 5 P. M., so that traps should be set for that period.

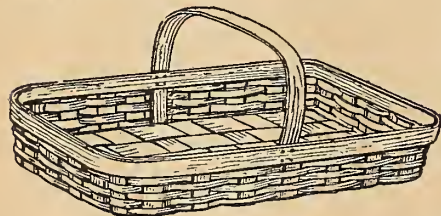


- Olmsted.....\$2.25
 Reddick.....1.25



PLANET JR. CELERY HILLER

Double, for hilling one side of 2 rows. Price, \$36.75.

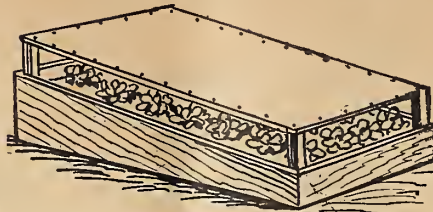


GATHERING BASKET

Very convenient for carrying berry boxes, asparagus and other vegetables. Made of oak, with double collapsible handles; 12 in. wide, 23 in. long, 4 in. deep. Price, \$1.10.

GARDEN BASKETS

- No. 2, Stiff Handle
 Each
 ½ Bu. size.....\$1.00
 No. 3, Drop Handle
 Each
 ½ Bu. size.....\$1.00
 No. 4, Without Handle
 Each
 ½ Bu. size.....\$0.85 1 Bu. size.....\$1.10

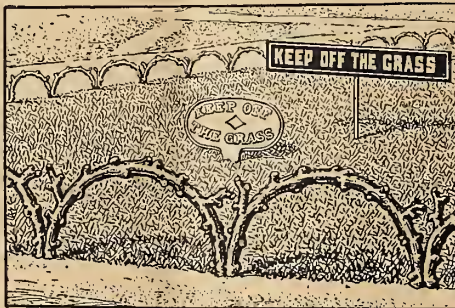


Shading or Protecting Cloth

SHADING OR PROTECTING CLOTH

Largely used as a substitute for glass where protection is desired. It is admirable for summer use, protecting plants, etc., from the sun and at the same time allowing ventilation. Made of brown cloth.

	Yards	Price Per yard	Price Per piece
Light.....	60	\$0.19	\$10.80
Medium....	50	.24	11.50
Heavy.....	40	.33	12.40



LAWN GUARDS

For path corners, flower beds, etc. (See illustration.) Iron, nicely painted green, \$2.75 each. Not available.

Wire, made extra heavy and well galvanized. Price, 35c. each; per doz., \$3.50; (by mail, \$3.65).

LAWN SIGNS

Excellent for putting on grass plots where thoroughfare is not desired.

Iron, painted gray, trimmed red (see illustration), 85c. each (by mail, \$1.00); per doz., \$9.00.

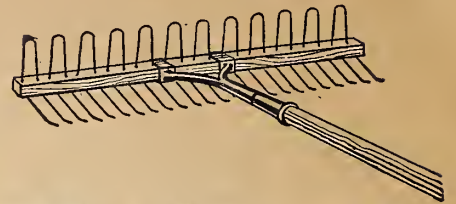
Enameled Iron Style. (See illustration.) This pattern is best for conspicuous places. Name-plate finished with green and white enamel; 20 inches long and about 4 inches wide. Equipped with iron stake. \$2.25 each (by mail, \$2.40); per doz., \$25.00.



Canal

Great American

No.	Tire In.	Length In.	Depth In.	Width In.	Price
Lansing Lawn.....	1 ¾	32 ¼	20 ½	26 ¼	\$19.00
Great American.....	1	2 ¾	30	25	10.00
Great American.....	2	2 ¾	28	24	9.00
Great American.....	3	2 ¾	26	22	8.25
Great American (Boys').....	4	1 ¾	22	9	6.00
Canal. Side dump (bolted).....					5.50
Special Greenhouse Style. Narrow body and handle width.....					11.00



WIRE LAWN OR GRASS RAKE

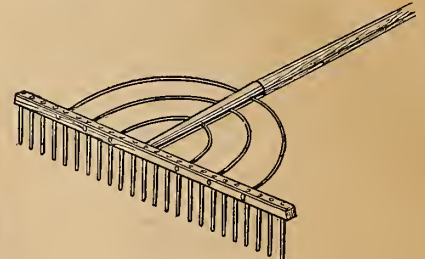
Made of heavy tinned steel wire. The rake is reversible. These are excellent for lawn or walk work.

- No. Tooth | No. Tooth
 124R... 20... \$0.85 | 36LR... 36... \$1.50
 No. 342H—42-tooth, very close for cleaning off putting greens, \$1.50.

OLE OLSEN LAWN RAKE

Made of best hard wood, well braced; teeth set close together.

26-tooth, hickory wood. Price, \$1.25.



Ames, No. 37X Rake

WOODEN RAKES

- Ames, No. 37X. 24-tooth, steel bows.. \$1.40
 Ames, No. 30X. 14-tooth, hard wood.. 1.20
 Wire Braced. 20-tooth, lawn..... .85

AUTOMATIC LAWN RAKE

A backward motion of the operator clears all the teeth at once.

- Wood, 26-tooth, \$1.50 | Wood, 38-tooth, \$1.85
 Galvanized, 24-tooth..... \$1.75



JAPANESE BROOM RAKE

Made of split bamboo; cleans the lawn or grass plot as completely as though swept with a broom. Price, \$1.00 each.

Wheelbarrows

The measurements of barrows are understood, viz.: length, meaning inside length of body; depth, inside depth at front; width, outside width at handles.



JOHNSON STEEL TROWELS, No. 211

These are made of one piece steel blade and shank, equal to the imported trowels.

5 in.....\$0.75 | 7 in.....\$0.85
6 in..... .80

If wanted by parcel post add 10c. each for postage.



D. S. T. STEEL SHANK TROWEL

These are somewhat long in blade and handle, making a very practical tool. 6-in. blade, 85c. each (by mail, 95c.).

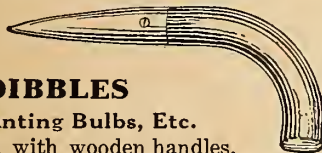
CLEVES' ANGLE TROWEL, No. 217

For getting dandelion, plaintain and other weeds out of the lawn, and transplanting.

	Each P. Post	Each
5 inch.....	\$0.30	\$0.40
6 inch.....	.35	.45
7 inch.....	.40	.50

MISCELLANEOUS TROWELS

	Each	By Mail
No. 213—5 inch.....	\$0.25	\$0.30
No. 213—6 inch.....	.30	.35
No. 0. Neverbreak—6 inch, heavy steel.....	.25	.35



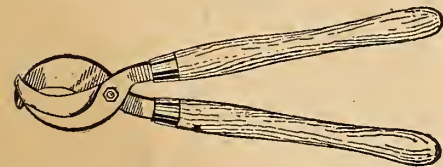
DIBBLES

For Planting Bulbs, Etc.

Equipped with wooden handles.

No. 2180. Brass point, \$1.00 (by mail, \$1.10).

No. 218. Iron point, 75c. (by mail, 85c.).



RHODES LOPPING SHEAR

Makes an absolutely clean, perfect cut; the blades are concaved at the cutting edge, producing with the handles an enormous leverage. The easiest operating Lopping Shear ever made or sold. 24-inch and 28-inch handles. Price, \$5.00. (By mail, \$5.15.)

ENGLISH LOPPING SHEAR

No. 109. Made of the finest English steel; 4-inch cut; will sever heavy branches readily. Price, \$6.75 (by mail, \$6.90).

LOPPING SHEARS

No. 1. Disston Lopping. Polished hardwood handle, 27½ inches long; heavy ferrule; heavy blades for heavy work; new tension and positive adjustment; weight, 3¼ lbs. Price, \$3.00 (by mail, \$3.15).

No. 2. Disston Vine Lopping. Details same as above, excepting it is made slightly lighter for smaller work; weight 3 lbs. Price, \$2.75 (by mail, \$2.85).

No. 3. Disston Bull Dog Lopping. Both jaws curved and both cutting jaws; weight 3½ lbs. Price, \$2.75 (by mail, \$2.85).

No. 5. Disston Utility Lopping. 9-inch black handles; full polish, 3¼-inch blades; weight 1¼ lbs. Price, \$2.25 (by mail, \$2.35).



Pexto Pruning Shear

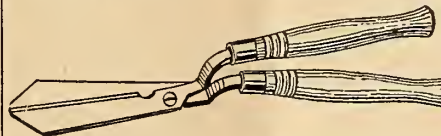
PRUNING SHEARS

Our pruning shears are procured from the most reliable makers and all are fully guaranteed.

No.	Length	Each
110 Perfection.....	8 in.	\$3.00
50 Pexto.....	8 in.	1.10
R50 Pexto.....	9 in.	1.40
55 Pexto.....	9 in.	1.65
R95 Pexto.....	10 in.	4.00
109 Wiss.....	8 in.	3.50
65 Pexto, American.....	9 in.	1.75
R165 Pexto, American.....	9 in.	2.50
R70 Pexto, American.....	9 in.	2.00
0 Pexto.....	9 in.	.65
23 Henckel, Nickeled.....	4½ in.	1.75
23 Henckel, Nickeled.....	6½ in.	2.00
14 Nickeled.....	6½ in.	1.75
1586 French.....	7½ in.	2.75
1586 French.....	8½ in.	3.25

If wanted by Parcel Post, add 10c. each for postage.

Spiral Springs for any of the above Pruning Shears. 20c. each; per doz., \$1.75 (by mail, \$1.85).



HEDGE SHEARS

No.	Amer.	Eng.
101A 6½-inch, Ladies'.....	\$1.65	
101A 8-inch.....	2.50	\$3.50
101A 9-inch.....	3.00	3.75
101A 10-inch.....	3.25	4.50
101A 12-inch.....	3.75	5.00

If wanted by Parcel Post, add 15c. each for postage.

Bolts and Nuts for hedge shears, 30c.

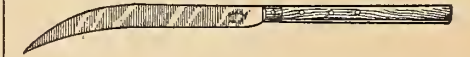
Handles for Hedge Shears, 85c. per pair.

YEAKLE HEDGE SHEAR

These shears will not push the hedge forward but will hold it and cut it at once. They also have a tension spring to keep the blades together, consequently need little or no attention, as the spring has a tendency to keep them sharp. Price, \$6.75 (by mail, \$6.90).

LITTLE WONDER HEDGE TRIMMER

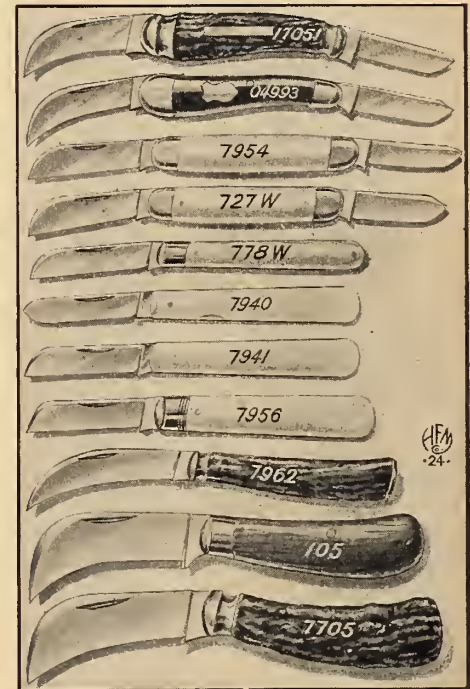
Designed only for trimming back the new growth of hedge during the summer months. The machine is built along the most practical mechanical lines and of best material. The cutting knife runs backward and forward through a knife guard and is operated by turning a wheel. Price, 40-in. cut, \$30.00. Little Wonder, Jr. Price, 30-in. cut, \$25.00.



STEEL HEDGE KNIFE

For cutting heavy brush, shrubbery, hedges, etc. Made of the finest steel with a slight hook on blade. Each, \$5.00.

No. 1. Steel Hedge Knife, short handle. Each, \$1.25.



HORTICULTURAL KNIVES

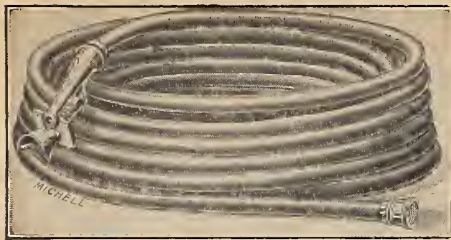
A good knife is an essential to every gardener and florist. Our stock consists of such styles that are practical and in demand. They are all of the best steel. Every one is guaranteed to give good satisfaction.

WOSTENHOLM ENGLISH

No.	Each
7705 Pruning, 1 blade, stag handle, extra heavy.....	\$2.75
7940 Budding, 1 blade, white handle.....	2.75
7941 Budding, 1 blade, white handle.....	2.75
7954 Budding, 2 blade, white handle.....	3.00
7956 Budding, 1 blade, white handle.....	3.25
7962 Pruning, 1 blade, stag handle.....	2.50
17051 Pruning, 2 blades, stag handle.....	3.00

AMERICAN MAKE

105 Pruning, 1 blade, cocoa handle.....	1.10
727W. Budding, 2 blades, white handle.....	1.35
778W. Budding, 1 blade, white handle.....	1.15
04993 Budding and Pruning, 2 blades, ebony or stag handle.....	1.40



RUBBER HOSE

Per foot
 *Michell's Special, 1/2 inch..... \$0.15
 *Michell's Special, 3/4 inch..... .18
 *Michell's Magic. A splendid smooth finish, red hose; 3/4 inch..... .22
 *Michell's Akron. Flexible, durable, uninkable, 3/4 inch..... .21
 *Electric, 3/4 inch..... .20
 *Electric, 1/2 inch..... .20
 *Whip-Cord, 3/4 inch..... .18 1/2
 *Evergreen, 3/4 inch..... .18
 Spray Pump Hose, 3/8 inch..... .16
 P. S.—Brands marked * come in reels of 500 feet and sections in any length to that number of feet may be had.

25- and 50-foot sections of hose coupled free. Smaller sections coupled at the rate of 35c. per pair for couplings.
 Hose Washers. 3/4 inch, 8c. per doz.; 1/4 lb., 25c.; 75c. per lb. (by mail, 85c.). 1 inch, 8c. per doz.; 1/4 lb., 30c.; \$1.00 per lb. (by mail, \$1.10).



Cooper Hose Mender

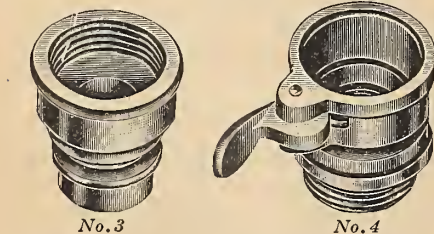
HOSE MENDERS

	Each	Doz.
Cooper's 3/4-inch.....	\$0.12	\$1.15
Cooper's 5/8-inch.....	.12	1.15
Cooper's 1/2-inch.....	.12	1.15
Iron, 3/4-inch.....	.10	1.00

If wanted by parcel post, add 10c. per doz. for postage.

PERFECT HOSE MENDERS

Made entirely of brass, with swivel motion—No band required.
 For 1/2-inch and 3/4-inch hose, 15c. each; doz., \$1.50 (by mail, \$1.60).

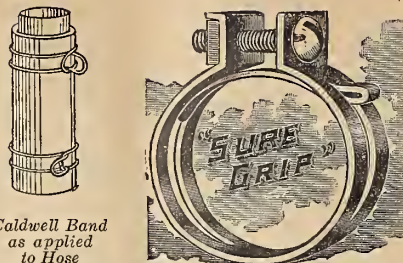


No. 3

No. 4

ACME HOSE COUPLINGS

For quickly connecting and detaching hose.
 No. 3 part, for attaching to spigot, 30c. each; doz., \$3.00 (by mail, \$3.10).
 No. 4 part, for attaching to hose, 50c. each; doz., \$5.00 (by mail, \$5.10).
 Couplings complete, consisting of one No. 3 and one No. 4 part, 80c. each; per doz., \$8.00 (by mail, \$8.15).



Caldwell Band as applied to Hose

HOSE BANDS

For fastening couplings and menders.
CALDWELL'S

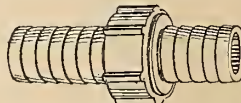
No.	Doz.	Gross
8. For 4-ply hose.....	\$0.40	\$3.50
6. For 3-ply hose.....	.40	3.50

If wanted by parcel post, add 15c. per gross for postage.

SURE GRIP

Can be furnished in 1/2-inch, 5/8-inch and 3/4-inch, either size, 5c. each; doz., 45c. (by mail, 55c.).

HOSE COUPLINGS

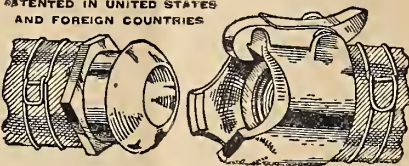


	Pair	Doz.
Plain Brass..... 1/2 inch	\$0.25	\$2.25
Plain Brass..... 3/4 inch	.25	2.25

If wanted by parcel post, add 15c. per doz. for postage.

Perfect. Equipped with a clamp on the male and female part for securing to the hose; no band required; for 1/2- and 3/4-inch hose; mention which is wanted when ordering. 35c. per pair; doz., \$3.75 (by mail, \$3.90).

PATENTED IN UNITED STATES AND FOREIGN COUNTRIES



No. 2 Snap Coupling

No. 1 Snap Coupling

SNAP HOSE COUPLINGS

Snap Couplings are entirely new and novel. They couple hose instantly, work on a spring, and are water-tight. 35c. per pair; doz. pairs, \$3.75 (by mail, \$3.85). Washers, 25c. per doz.

SNAP COUPLING PARTS

No. 2. Male. 15c. each; per doz., \$1.50 (by mail, \$1.60).
 No. 1. Female. 25c. each; per doz., \$2.50 (by mail, \$2.60).

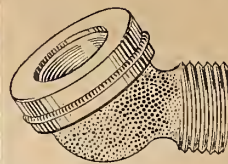
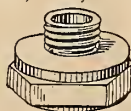
No. 68. SIAMESE HOSE CONNECTION



This permits one lead of hose to be diverted in two directions. Additional three-way connections can be used according to the water pressure. It is specially adapted for lawn sprinkling. Price, 85c. each (by mail, 95c.).

HOSE REDUCERS

For reducing 1-in. pipe to fit regular 3/4-in. hose.
 Each, 70c. (by mail, 80c.).



HYDRANT ATTACHMENTS

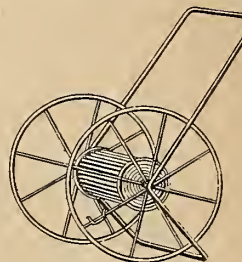
For attaching hose to smooth faucets.
 No. 2. For small spigot, 60c. (by mail, 65c.).

No. 3. For large or standard spigot, 65c. (by mail, 70c.).

HOSE REELS

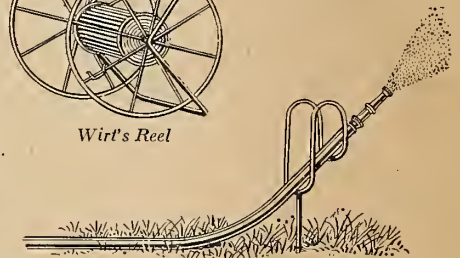
Meon. Made entirely of steel; very strong; easy to operate, the reel acting both for winding and wheeling.

No. A1.	90 ft. capacity.....	\$3.25
No. A2.	130 ft. capacity.....	3.50
No. A3.	180 ft. capacity.....	4.00



Wirt's Reel

WIRT'S (All Iron)
 10...100 ft... \$5.00
 20...150 ft... 6.00
 30...400 ft... 9.00
 Victor holds 100 ft.
 3/4-in. hose. \$3.50.

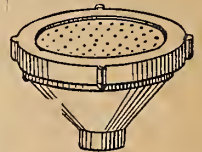


NOZZLE HOLDER

For sticking in the ground while one continues with other work. Made of galvanized heavy wire. Price, 20c. each (by mail, 25c.).

BINKS NOZZLE

Made of aluminum, with brass face; equipped with interchangeable sprays, coarse and fine. It makes watering possible without wetting the hands. Positively the best and most indestructible nozzle made. \$3.00 each; worth twice the price (by mail, \$3.10).



PERFECTION HOSE NOZZLE

3/4-inch hose. Can be regulated to give three different streams. Price, 75c. (by mail, 80c.).



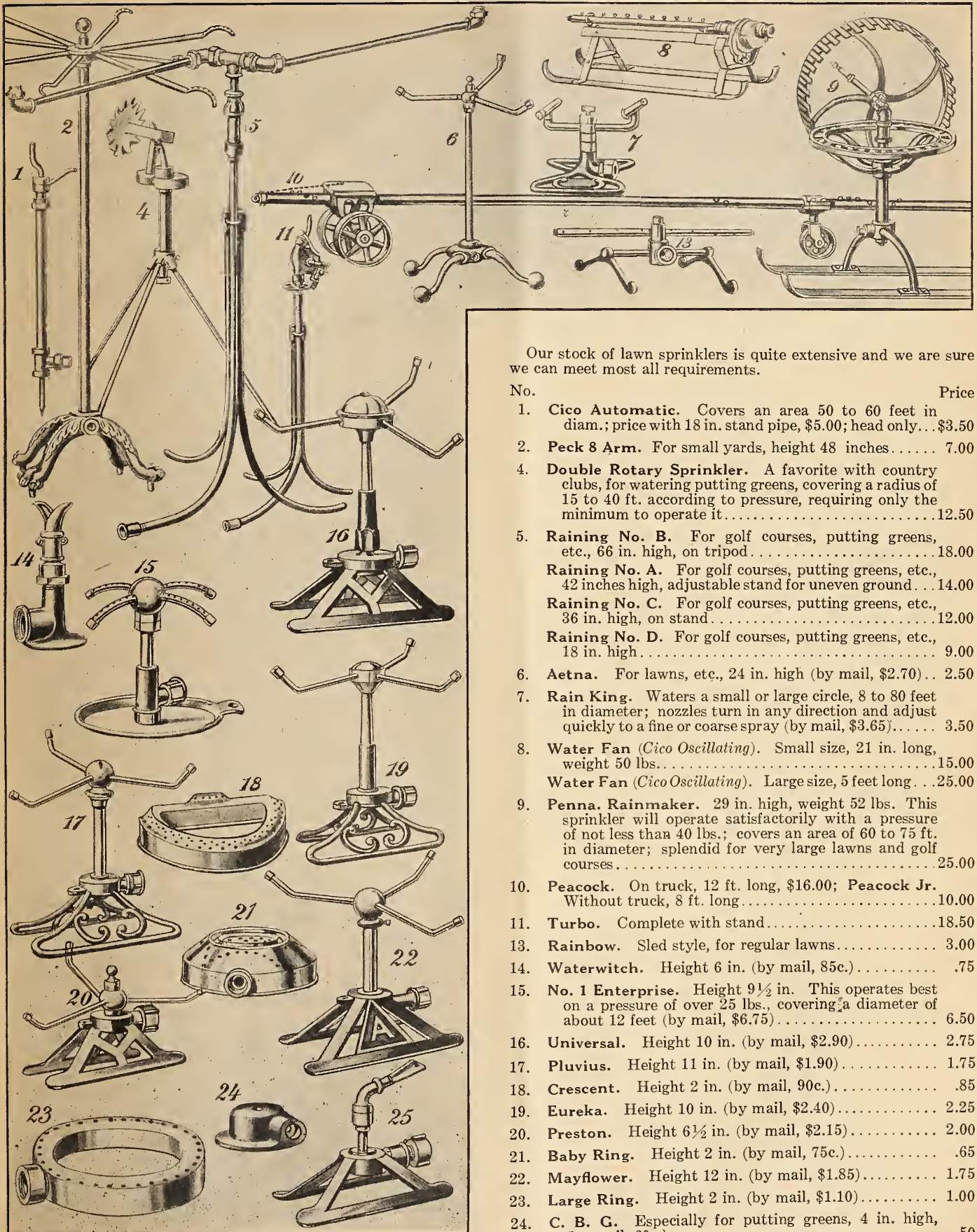
RAINBOW NOZZLE

Makes a full stream or fine spray, which can be changed by a slight turn of the finger; positive shut off; no leaks; nothing to wear out. Price, \$1.00 (by mail, \$1.10).

MISCELLANEOUS NOZZLES

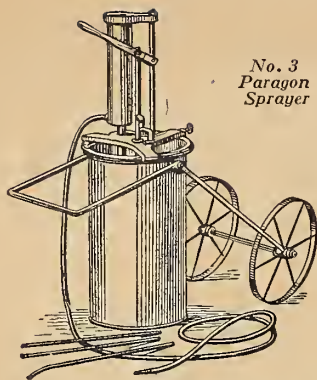
	Price By mail
Boston, Light Copper.....	\$1.35 \$1.45
Boston, Heavy Brass.....	1.35 1.45

Champion. A dandy nozzle for greenhouse use; makes a spray or a solid stream; easily adjusted. 60c. each (by mail, 70c.).



Our stock of lawn sprinklers is quite extensive and we are sure we can meet most all requirements.

No.	Price
1. Cico Automatic. Covers an area 50 to 60 feet in diam.; price with 18 in. stand pipe, \$5.00; head only...	\$3.50
2. Peck 8 Arm. For small yards, height 48 inches.....	7.00
4. Double Rotary Sprinkler. A favorite with country clubs, for watering putting greens, covering a radius of 15 to 40 ft. according to pressure, requiring only the minimum to operate it.....	12.50
5. Raining No. B. For golf courses, putting greens, etc., 66 in. high, on tripod.....	18.00
Raining No. A. For golf courses, putting greens, etc., 42 inches high, adjustable stand for uneven ground...	14.00
Raining No. C. For golf courses, putting greens, etc., 36 in. high, on stand.....	12.00
Raining No. D. For golf courses, putting greens, etc., 18 in. high.....	9.00
6. Aetna. For lawns, etc., 24 in. high (by mail, \$2.70)...	2.50
7. Rain King. Waters a small or large circle, 8 to 80 feet in diameter; nozzles turn in any direction and adjust quickly to a fine or coarse spray (by mail, \$3.65).....	3.50
8. Water Fan (Cico Oscillating). Small size, 21 in. long, weight 50 lbs.....	15.00
Water Fan (Cico Oscillating). Large size, 5 feet long...	25.00
9. Penna. Rainmaker. 29 in. high, weight 52 lbs. This sprinkler will operate satisfactorily with a pressure of not less than 40 lbs.; covers an area of 60 to 75 ft. in diameter; splendid for very large lawns and golf courses.....	25.00
10. Peacock. On truck, 12 ft. long, \$16.00; Peacock Jr. Without truck, 8 ft. long.....	10.00
11. Turbo. Complete with stand.....	18.50
13. Rainbow. Sled style, for regular lawns.....	3.00
14. Waterwitch. Height 6 in. (by mail, 85c.).....	.75
15. No. 1 Enterprise. Height 9½ in. This operates best on a pressure of over 25 lbs., covering a diameter of about 12 feet (by mail, \$6.75).....	6.50
16. Universal. Height 10 in. (by mail, \$2.90).....	2.75
17. Pluvius. Height 11 in. (by mail, \$1.90).....	1.75
18. Crescent. Height 2 in. (by mail, 90c.).....	.85
19. Eureka. Height 10 in. (by mail, \$2.40).....	2.25
20. Preston. Height 6½ in. (by mail, \$2.15).....	2.00
21. Baby Ring. Height 2 in. (by mail, 75c.).....	.65
22. Mayflower. Height 12 in. (by mail, \$1.85).....	1.75
23. Large Ring. Height 2 in. (by mail, \$1.10).....	1.00
24. C. B. G. Especially for putting greens, 4 in. high, (by mail, 60c.).....	.50



No. 3
Paragon
Sprayer

THE PARAGON SPRAYER

Especially desirable for the reason that it is not necessary to strain the material before pouring it into the reservoir, although we recommend that this be done; guaranteed to give absolute satisfaction. Excellent for applying whitewash or paint.

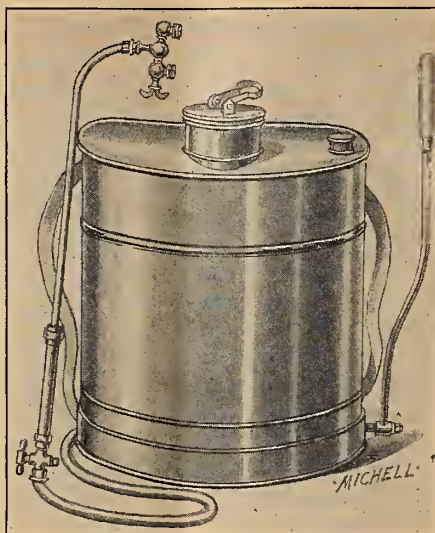
- No. 0. Capacity, 3 gallons; equipped with 4 ft. of hose, one 3-ft. extension pipe and 2 spray nozzles. Price, \$12.00.
 - No. 1. With a 5-gal. reservoir, 5 ft. of hose and 2 extension pipes, \$17.00.
 - No. 3. Equipped with a 12-gal. tank mounted on a truck, three 2½ ft. extension pipes, 2 nozzles and 10 ft. of hose, \$24.00. Without truck, \$20.50. We can also supply this sprayer with single wheel at same price.
 - No. 4. Mounted on a two-wheel truck; equipped with 10 ft. of extension pipe, 20 ft. of hose and 2 nozzles. 25-gal. barrel, complete, \$38.50.
 - No. 5. Capacity of barrel 50 gallons, equipped with 25 ft. 6-ply hose, one 10-ft. iron extension pipe, one 3-way nozzle and 1 single spray nozzle, no truck, \$42.50.
- Bucket Washers for Paragon Sprayers, 30c.**
We can also supply parts for Paragon Sprayers; price list on application.

AUTO SPRAY

This operates by compressed air; safe and efficient; liquid capacity four gallons; pressure capacity, 40 lbs. They will successfully spray bushes, shrubbery and trees, the latter with the use of extension pipes. The brass tank sprayer is the best as corrosive solutions can be used in it without injuring the same. Auto-Sprayers are not mailable.



- No. 1-B.—Brass; equipped with hose and Auto-Pop Attachment, \$10.00.
 - No. 1-D.—Galvanized Iron; equipped with hose and Auto-Pop, \$7.00.
- Auto-Pop Nozzle Attachment;** controls the flow instantly by a pressure of the hand. When Auto-Pop Attachment is purchased separately: Plain, \$2.00 each (by mail, \$2.10). \$2.50 complete with hose (by mail, \$2.60).



No. 1 MYSTO SPRAYER

A new copper knapsack sprayer which works on a compressed air principle. Compact in construction and light in weight, so that it can be easily carried around. We will sell this sprayer under the condition that if it is not satisfactory it may be returned at our expense. Price, \$27.50.

GOULD'S FRUITALL BARREL PUMP. Fig. 1188

A high-grade pump at an attractive price, within the reach of every one who has need for such a pump. 2 in. diameter cylinder. Bronze wearing parts. Plain pump, no hose, nozzle or barrel, \$12.00.

Outfit C.—With agitator, one 15 ft. lead of ½ in. spray hose and one Mistry Jr. nozzle (no barrel), \$18.00.

Outfit D.—With agitator, two 15 ft. leads of ½ in. spray hose and two Mistry Jr. nozzles (no barrel), \$24.50.

Barrels for holding spray solution, 50 gal. capacity, \$6.00 each.

GOULD'S POMONA BARREL PUMP. Fig. 1100

Can be used for feeding one or two leads of hose; all working parts are bronze, with lasting qualities. Plain pump, 2½ in. diam. cylinder only, \$22.00.

Outfit C.—With one 15 ft. section ½ in. spray hose and one Mistry Jr. nozzle (no barrel), \$27.50.

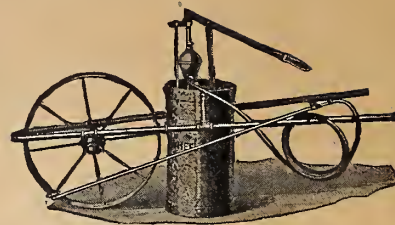
Outfit D.—With two 15 ft. section ½ in. spray hose and two Mistry Jr. nozzles, \$33.50 each.

Barrels for holding spray solution, 50 gal. capacity, \$6.00 each.



JIM DANDY HAND SPRAYER

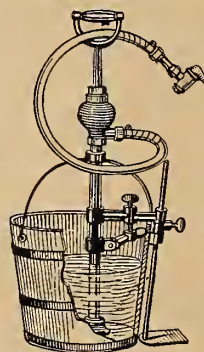
Adapted for spraying vegetables and flowers, small fruits, etc.; also valuable for spraying disinfectants in buildings. Price, \$3.50. (By mail, \$3.65.)



DEMING WHEELBARROW SPRAYER

A machine that is nicely balanced and easily transported. Extreme width 18 inches; narrow enough to go through the aisles of a greenhouse, 24 in. wheel with a 3 inch tread, making it easily handled over soft and rough ground. Pump has 1½ in. diam. cylinder, with adjustable stroke. Equipped with 12-gal. galvanized tank, 10 ft. hose, 4 ft. extension pole, nozzle and shut off valve. Price, \$30.00.

BUCKET SPRAY PUMP



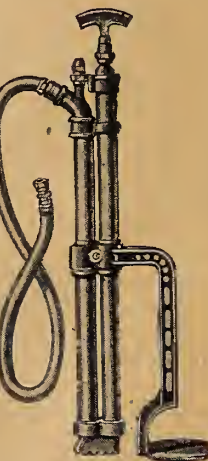
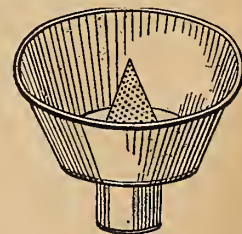
These are made entirely of brass, except the foot rest and hand grip. The prices below do not include bucket, but include nozzle and 3½ feet of ⅝-in. hose.

No. 256. **Success** (without bucket fastener), \$7.75. (By mail, \$8.00.)

No. 689. **Perfect Success** (with bucket fastener), \$8.25. (By mail, \$8.50.)

No. 327½ MYER'S BUCKET PUMP

This is a double brass chamber arrangement, and fills the want of those desiring a medium priced sprayer. Price, \$5.25, including hose and nozzle. (By mail, \$5.50.)



Myer's Pump

COPPER STRAINER

For straining whitewash, spraying material, etc., \$1.50 each. (By mail, \$1.60.)

ROBERTSON POTATO SPRAYER

Distributes the spray solution on the top and underneath the foliage of potato vines and other plants. Made of galvanized iron, in a substantial manner. Price, \$1.75.



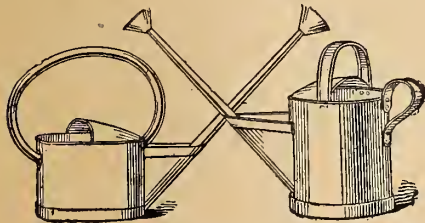
AUTOMATIC COMPRESSED AIR SPRAYER

This is the grandest hand sprayer ever offered; very easily operated; especially desirable for ladies' use. Tin, each \$1.00 (by mail, \$1.10); Brass, each, \$2.00 (by mail, \$2.10).

CYCLONE HAND SPRAYER

Similar to the above, except they do not have the automatic air reservoir attachment.

No. 112, Tin, large, 50c. (by mail, 60c.); No. 114, Brass, \$1.00 (by mail, \$1.10).



WATER CANS (Wotherspoon's)

Extra Heavy—With Long Spout—Will Last for Years

Each Wotherspoon can comes equipped with two roses, one coarse and one fine. These cans are not mailable.

	Round	Oval
4 quart.....	\$3.75	
6 quart.....	4.00	\$4.75
8 quart.....	4.50	5.00
10 quart.....	5.00	5.50
12 quart.....	5.25	6.00
16 quart.....	5.75	6.50
4 quart Fern or Low Watering Can.....	3.00	

EXTRA ROSES OR SPRAYS

For Wotherspoon Watering Can, either coarse or fine, 50c. each (by mail, 60c.).

IRON CLAD WATER CANS

Light galvanized make.

4 quart.....	\$1.00	10 quart.....	\$1.55
6 quart.....	1.15	12 quart.....	1.65
8 quart.....	1.30	16 quart.....	2.10

EXTENSION PIPES, ETC.

For reaching into trees; 3/8 inch threads. Bamboo, aluminum tube; 10 feet....\$4.50
Galv. Iron, 2 ft. (by mail, 55c.)..... .50
Brass, 2 ft. (by mail, 75c.)..... .65
Pet Cock, for Extension pipes..... 1.25
Paragon Extensions, 2 1/2 ft., 60c. each (by mail, 70c.).

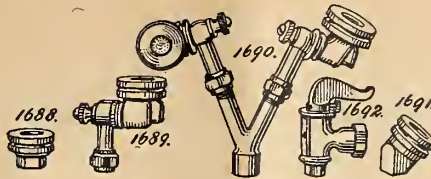


HEAVY BRASS SYRINGES

No.	Diam.	Length	Price	By mail
99.	1 1/2 in.	18 in.	1 spray..	\$3.75 \$4.00
101.	1 1/4 in.	14 in.	2 sprays.	4.25 4.50
101A.	1 1/2 in.	16 in.	2 sprays.	5.00 5.25
110.	1 3/4 in.	20 in.	2 sprays.	10.50 10.75
120.	1 3/4 in.	20 in.	Adjustable.	12.50 12.75

RUBBER APRONS

For protecting the clothing while watering or doing any work in the garden where your clothes could become soiled, \$2.50.



SPRAY NOZZLES (3/8-in. Thread)

Mistry, Jr., Fig. 1688, Straight style. \$1.20
Mistry, Jr., Fig. 1691, Elbow style... 1.20
Mistry, Fig. 1689, Single nozzle, adjustable angle..... 1.65
Mistry, Fig. 1690, Double nozzle, adjustable angle..... 3.75
Bordeaux Nozzle, Fig. 1692, each... 1.15
If nozzles are wanted for 1/4-in. hose connections, add 70c. to above prices for Fig. 966 combination.



STOTT'S SPRAY NOZZLES

Splendid for spraying underneath foliage.
Single.....\$1.65
Double..... 2.75

If any of the above nozzles are wanted by parcel post add 10c. each for postage.



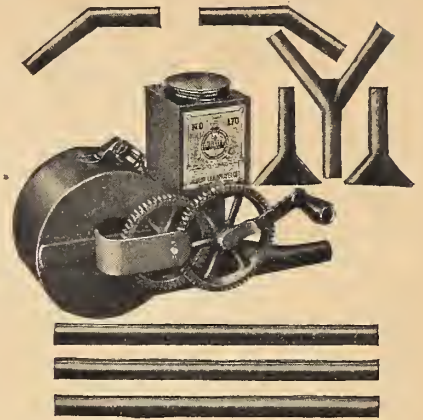
Single Action Duster

VERMOREL DUSTER

The flow being intermittent, this type is commonly called a "puffer"; for general use it is most serviceable. Capacity, 6 quarts, dry measure. For dusting sulphur or sulphur and arsenate mixtures, arsenate of lead, bordeaux mixtures, lime, etc. Simple in construction, easy to operate, efficient in its work.

Single Action. This being of the bellows type has no wheels, cogs, belts or other complicated mechanism that would be likely to wear. Equipped with fine and coarse screens, also strap for carrying. Price, \$20.00.

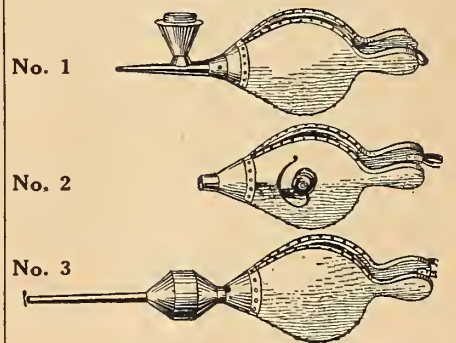
Double Action. The flow from this type being continuous, it is better adapted for certain work, especially where growth is thick. Price, \$25.00.



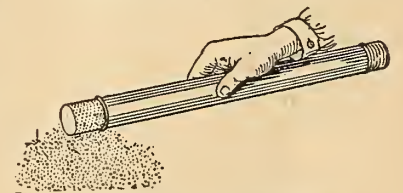
UTILITY DUSTER

Used for the application (in dry form) of Arsenate of Lead, Paris Green, etc. Made of heavy tin, enameled red; iron and brass machined gears. Provided with tubes, connections and nozzles as illustrated; also an adjustable carrying strap. Price, \$12.00 (by mail, \$12.50).

WOODASON HAND BELLOWS



	Price	By mail
No. 3. Large double cone.....	\$6.75	\$7.00
Large single cone.....	4.75	5.00
No. 1. Small single cone.....	3.25	3.40
No. 2. Sulphur bellows.....	4.00	4.15



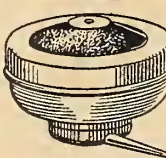
DICKEY DUSTER

Excellent for distributing Bug Death, Slug Shot, etc. Price, 50c. (By mail, 60c.)



B. D. SHAKER

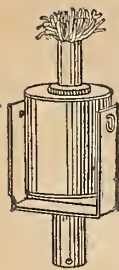
For applying dry insecticides, such as Bug Death, Slug Shot, Paris Green, etc.; made of tin; practical and durable, 80c. each (by mail, 95c.).



WHIRLWIND POWDER GUN

For distributing dry powder. Price, 35c. (By mail, 40c.)

TORCHES



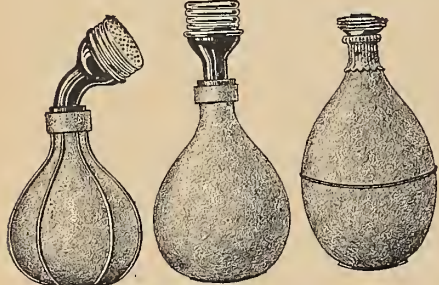
For burning out worms, caterpillars and tree pests.

Reservoir, 50c. (by mail, 60c.).
Asbestos, 60c. (by mail, 70c.).

POLES FOR TORCHES, Etc.

Reservoir Torch Hardwood, 12 ft., \$2.75; 14 feet, heavy, \$3.00. Asbestos Torch Poles are not available.

	Each	Doz.	100
Bamboo 16 feet long.	\$0.50	\$5.50	\$40.00
" 18 " "	.60	6.50	50.00
" 20 " "	.75	7.50	60.00



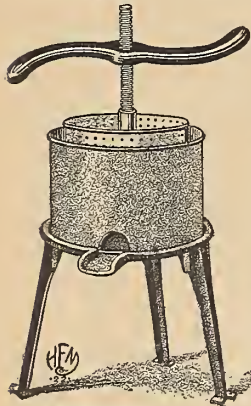
Spraywell Scollay

RUBBER SPRINKLERS

Either Straight Neck or Crook Neck

- | No. | Style | Capacity | Each |
|-----|------------------|----------|--------|
| 1. | Spraywell Style. | 6 oz. | \$0.85 |
| 2. | Spraywell Style. | 8 oz. | 1.00 |
| 3. | Spraywell Style. | 10 oz. | 1.15 |
| 1. | Scollay. | 10 oz. | 1.40 |

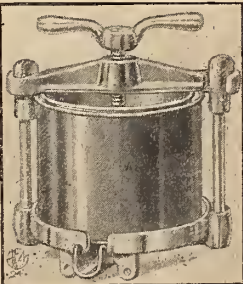
If wanted by parcel post, add 10c. each for postage.



PRESTO FRUIT PRESS

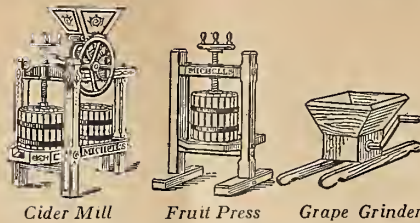
Used for extracting juices from berries, and other fruits. Made entirely of iron and steel; all parts heavily tinned.

No. 1. 3 quart size	\$4.00
No. 2. 6 quart size	6.50
No. 3. 9 quart size	7.50



JUICY FRUIT PRESS

A very valuable press for making Jellies, Fruit Syrups, Lard, etc. All parts coming in contact with fruit juices are tinned with pure block tin. Base and feet cast as one piece. Price, \$8.50.



Cider Mill Fruit Press Grape Grinder

CIDER MILLS

	Capacity	Price
Bantam, 1 single tub	1/2 bu.	\$25.00
Junior	5/8 bu.	30.00
Medium	3/4 bu.	35.00
Senior	1 1/4 bu.	48.00

FRUIT PRESSES

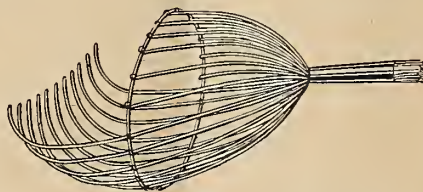
Made of best quality wood, carefully bolted and finished.

No.	Capacity	Price
1	1/4 bu.	\$8.00
2	1/2 bu.	9.00
3	1 bu.	13.50
7	Very heavy	40.00

GRAPE GRINDER

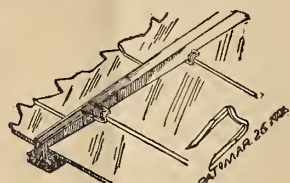
Suitable for crushing berries, grapes and similar soft fruit.

No. 5	\$5.00
No. 10	6.00

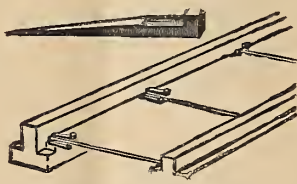


BOSS FRUIT PICKER

Made substantially of galvanized wire. Can easily be attached to a pole of any length. Price, 40c. (by mail, 50c.).



Peerless Glazing Point



Siebert's Glazing Point

GLAZING POINTS

Peerless. Three sizes.
No. 1, for single thick glass.
No. 2, for single thick glass.
No. 2 1/2, for double thick glass.
Price, 65c. per 1000 (by mail, 75c.).
Pincers. For driving Peerless Points, 60c. (by mail, 65c.).
Siebert Style (Zinc). Made with a prominent head; cannot rust; easily driven. 5/8, 3/4 and 7/8 inches long. 55c. per lb. (by mail, 65c.); 5 lbs., \$2.50 (by mail, \$2.65). 1000 to 1200 in a lb.
Zinc Glazing Nails. 45c. per lb. (by mail, 55c.).

GLASS CLAMPS

For supporting broken lights of glass. Per box of 100, \$1.75 (by mail, \$1.85).

GLASS CUTTERS

Single Wheel, steel, each \$0.20
6-Wheel, steel, each .45
No. 8 Small Diamond. Ebony handle 4.50
No. 8A Large Diamond. Mahogany handle 5.75

KEYSTONE

LIQUID GLAZING PUTTY

Superior to ordinary putty, more easily applied and lasting.

Especially adapted for glazing wood and metal sash. Per gal., \$2.50.

BLACK GLAZING CEMENT

Apply with a mastic machine. Per gal., \$1.75.

MASTICA

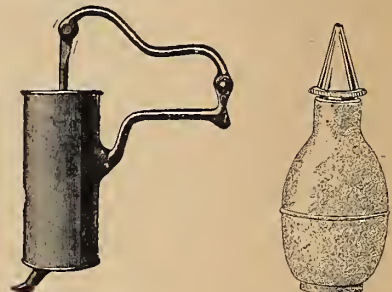
For glazing greenhouses. One gallon will cover about 300 running feet. Gal., \$2.50.

GREENHOUSE WHITE

A superior white paint for sash bars, sash frames, etc. Per gal., \$3.75.

PUTTY DISTRIBUTOR

For distributing putty, mastica, etc. Price, \$1.50 (by mail, \$1.60).



Mastica Machine

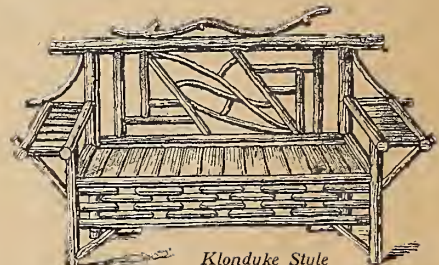
Putty Distributor

MASTICA MACHINE

For distributing mastica, etc. Made of heavy zinc. Price, \$3.00 (by mail, \$3.10).

WEATHERCRAFT GLAZING GUN

For applying liquid glazing putty, mastica, etc., each, \$7.00.



Klondyke Style

RUSTIC FURNITURE

This is made by thoroughly experienced men; carefully finished, in the natural state with the bark on it, and not varnished.

RUSTIC SETTEES

Florida Style, 4 ft. long \$4.50
Klondyke Style, 5 1/2 ft. long 11.00
Elwood Style, 4 ft. long 4.50
Mission Style, 4 ft. long 11.00

RUSTIC CHAIRS

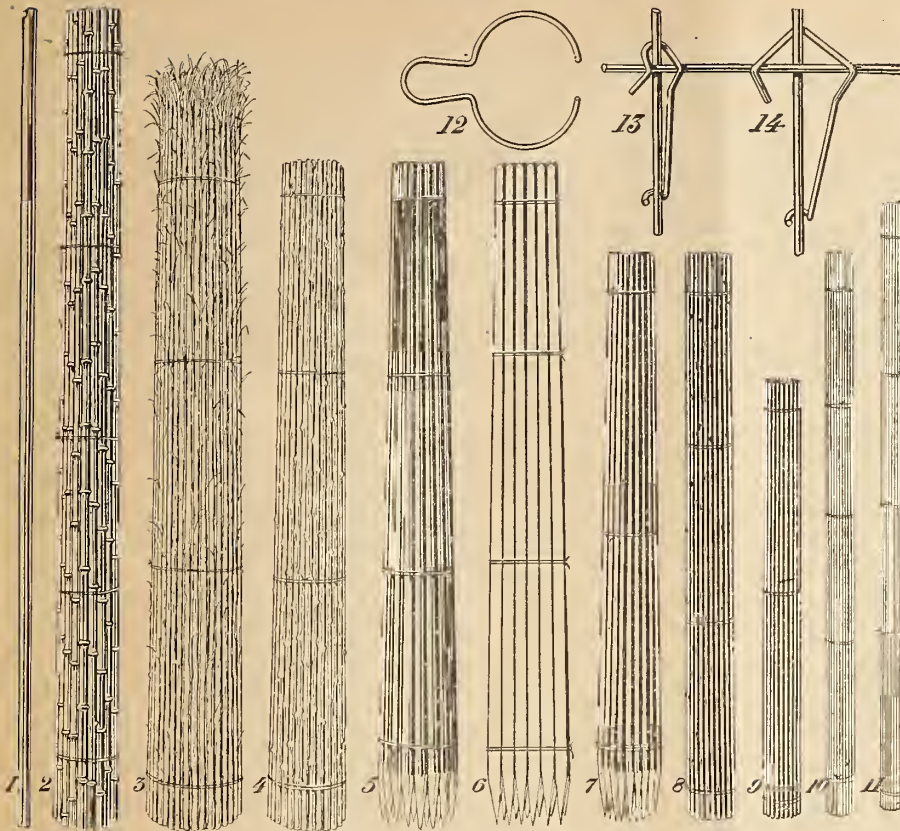
Elwood Style 3.00
Klondyke Style, 48 in. wide 7.00
Mission Style 7.00

RUSTIC TABLE

Mission Style, 28 x 28 in. 8.50

GARDEN SEAT

Canopy Style 32.50



KEY TO ABOVE ILLUSTRATION: No. 1, Pole for Pruners; No. 2, Bamboo Poles, STAKES; No. 3, Southern Cane; No. 4, Japanese Cane, Natural; No. 5, Dahlia; No. 6, Square; No. 7, Tapering; No. 8, Japanese Cane, green; No. 9, Hyacinth; No. 10, Galvanized Wire, No. 10 wire; No. 11, Galvanized Wire, No. 8 wire; No. 12, Wire Plant Tie; No. 13, Eureka Stake Fastener; No. 14, Everlasting Stake Fastener.

JAPANESE GREEN CANE STAKES

These are very attractive for all purposes of plant staking; thin and very strong.

Feet	Doz.	100	500	1000
1½	\$0.15	\$0.75	\$3.25 \$6.00
220	1.25	5.50 9.00
2½25	1.40	6.75 11.00
335	1.60	7.00 12.50
3½35	2.00	8.00 14.00
440	2.25	9.00 15.00
550	2.50	10.00 16.00

JAPANESE NATURAL CANE STAKES

Feet	Doz.	100	500	1000
6	\$0.40	\$2.25	\$8.00 \$15.00

WIRE STAKE TIE

(Buschardt's)

For fastening plants to stakes, either wire or wood; can be used many times.

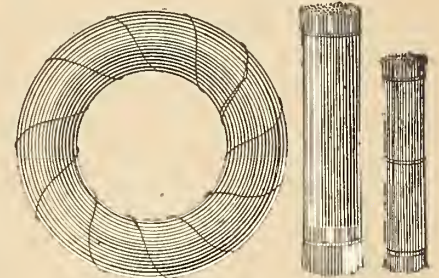
1000 ties in pkg. Price, \$2.50 (by mail, \$2.60).

STAKE FASTENERS

These take the place of string entirely, lasting several seasons; used for fastening cross wires to galvanized stakes.

Everlasting Style, heavy	.....	500	1000	\$2.25 \$4.00
Eureka Style, light	.....	1.60	3.00	

If wanted by Parcel Post, add 10c. per 500; 15c. per 1000 for postage.



Allow for postage if wanted by mail. 12-lb. Lb. Stone

No. 16.	Galvanized	.....	\$0.20	\$2.00
No. 18.	Galvanized	.....	.22	2.25
No. 19.	Galvanized	.....	.24	2.40
No. 20.	Galvanized	.....	.26	2.50
No. 22.	Galvanized	.....	.28	2.60
No. 16.	Annealed	.....	.18	1.50
No. 18.	Annealed	.....	.20	1.75
No. 20.	Annealed	.....	.24	1.85
No. 22.	Annealed	.....	.26	2.00
No. 24.	Annealed	.....	.28	2.10

TINNED WIRE

Used for bunching celery, etc.

No. 19, in 10-lb. boxes, cut 8½ inches, 30c. per lb.; per box, \$2.50.

CUT BOUQUET WIRE

For Stemming Flowers

Cut 9, 12 or 18 inches in length.

No. 20.	25c. per lb.; per box, 12 lbs.	.....	\$2.25
No. 22.	30c. per lb.; per box, 12 lbs.	.....	2.50
No. 24.	35c. per lb.; per box, 12 lbs.	.....	3.00

BAMBOO POLES

Used extensively for brushing worm casts off Putting Greens, also for staking young trees.

	Each	Doz.	100
16 feet long	\$0.50	\$5.50 \$40.00
18 feet long60	6.50 50.00
20 feet long75	7.50 60.00

Poles for Tree Pruners

12 feet long, 1¼ inch diam.	.....	\$2.75
14 feet long, 1½ inch diam.	.....	3.00

HYACINTH STAKES

Used for staking hyacinths, tulips and slender plants; dyed green.

Inch	Doz.	100	1000
5	\$0.05	\$0.25 \$1.50
1207	.35 2.50
1810	.45 3.50

If wanted by Parcel Post, add 10c. per 100 for postage.

GALVANIZED WIRE STAKES

No. 10 WIRE, LIGHT

Feet	Doz.	100	1000
2	\$0.25	\$1.25 \$9.25
2½30	1.60 11.50
340	2.00 13.75
3½45	2.25 16.50
450	2.50 18.55
4½55	2.75 22.50
565	3.00 25.00
5½75	3.50 27.50
685	3.75 30.00
7	1.00	4.00 32.50

No. 8 WIRE, HEAVY

Feet	Doz.	100	1000
2	\$0.35	\$1.60 \$13.50
2½40	2.00 16.00
350	2.25 18.50
3½55	3.00 25.00
460	3.25 27.50
4½65	3.50 32.50
570	3.75 35.00
5½85	4.25 37.50
695	4.75 40.00
7	1.10	5.25 45.00

TAPERING PLANT STAKES

PAINTED GREEN

Feet	Each	Doz.	100
1½	\$0.04	\$0.35 \$2.10
206	.55 3.15
2½07	.75 5.50
310	1.00 7.00
3½11	1.10 8.50
413	1.40 11.00
516	1.85 13.50

If wanted by Parcel Post, add 20% to doz. price, 10% to 100 price for postage.

ROSE OR DAHLIA STAKES

Round tapering style; painted green.

Feet	Each	Doz.	100
3	\$0.13	\$1.44 \$11.00
3½15	1.66 13.00
417	1.92 15.00
522	2.50 19.00
627	3.10 23.00

If wanted by Parcel Post, add 20% to doz. price for postage.

SQUARE PLANT STAKES

These are painted green and nicely tapered and finished.

Feet	Each	Doz.	100
1½	\$0.04	\$0.35 \$2.10
205	.55 3.15
2½07	.65 4.50
311	1.08 7.50
3½12	1.15 8.50
415	1.40 9.75
520	2.00 14.00
625	2.50 16.50

If wanted by Parcel Post, add 20% to doz. price, 10% to 100 price for postage.

MICHELL'S HORTICULTURAL AND GARDEN SUPPLIES



Key to above illustrations. No. 1, Binder; No. 2, Peerless; No. 3, Raffiatape; No. 4, Raffia; No. 5, Express; No. 6, Silkline; No. 7, Tarred Marlin; No. 8, Cayuga, Medium; No. 9, Smilax; No. 10, Jute; No. 11, Green Sea Island; No. 12, Tarred Sisal; No. 13, Japanese; No. 14, Special White Cotton; No. 15, Linen Bouquet; No. 16, Cayuga, heavy.

TWINES, ETC.

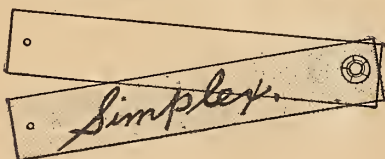
	Ball	Lb.
No. 108. White Cayuga, Medium	\$0.40	\$0.75
No. 208. White Cayuga, Heavy	.40	.75
Jute, 2-ply and 3-ply	.18	.30
Linen Bouquet	.15	.85
Green Sea Island	.15	.85
No. 4 1/2. Japanese Twine, Medium heavy	.35	
White Cotton, 3-ply	.15	.70
Peerless. Color, Nile green		1.00
Tarred. For mat making	.35	
Tarred Sisal. For fodder	.17	
Binder		.22
Express. Very heavy	.30	
Green Silkline. For stringing Smilax and Asparagus, etc. F, fine; FF, medium; FFF, coarse.		
Price, per spool, 40c.		
Price, per lb. (8 spools)		\$2.75
Smilax Twine (Silkline Substitute). Very similar to the above; fast color. Price, 25c. per spool; per lb., \$1.25.		

RAFFIA

For tying, basket making and fancy work; very long and fibrous. Natural Color, 25c. per lb. (by mail, 35c.); 5 lbs., \$1.00. Green, \$1.10 per lb. (by mail, \$1.20); 5 lbs., \$5.00.

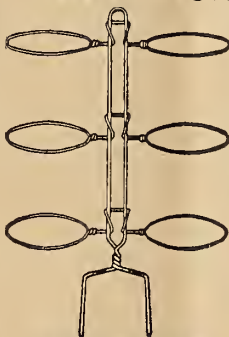
RAFFIATAPE

This article is made of a composition of paper and linen and is tremendously strong; it is about 1/8 inch wide and is put up in 250-yard bolts or hanks. This is very desirable for tying bouquets, flower boxes or for any other purpose where attractive tying material is desired. Color, Nile green. Per bolt of 250 yards, 90c. (by mail, \$1.00).



See prices opposite column.

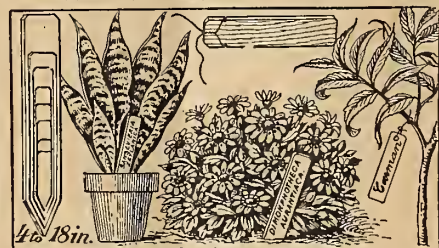
CARNATION SUPPORTS



Richmond 3-Ring Support (Double)

The Richmond, shown here, is the most popular support on the market. Can be put together in a minute and is always satisfactory; 24 in. high.

Richmond, double	
Doz. 100	1000
\$1.50	\$67.50
Model, 2-ring	
Doz. 100	1000
\$1.00	\$6.50
\$1.25	\$7.00
Model, 3-ring	
Doz. 100	1000
\$1.25	\$7.00
\$1.25	\$65.00



TREE LABELS

If wanted by parcel post, add 10c. per 100 for postage.

	100	1000
Iron Wired. Plain	\$0.35	\$2.25
Iron Wired. Painted	.45	2.75
Copper Wired. Plain	.45	2.75
Copper Wired. Painted	.55	3.25
Copper Sheet, wired	30c. doz.	1.75
Zinc Sheet wired	30c. doz.	1.75
Indelible Marking Pencils. Each		.18

PAINTED POT LABELS

	By mail	
	100	per 1000
4 inch	\$0.35	\$0.40
4 1/2 inch	.40	.45
5 inch	.45	.50
6 inch	.55	.60
8 inch	1.60	1.70
10 inch	2.00	2.10
12 inch	2.35	2.50
18 inch, for field use	6.25	6.45

Simplex Weatherproof Plant Label

The material carrying the writing is white celluloid with a specially prepared surface. This is protected by a transparent cover of mica.

Prices, including copper wires for attaching.	Sizes	Doz.	100
No. 1—3 x 1/2 inch		\$0.50	\$2.50
No. 2—4 x 3/4 inch		.85	5.00
No. 3—5 x 1 inch		1.10	7.50

See illustration opposite column.

SUNDRIES

- Bulb Fibre.** Qt., 15c.; 45c. per 1/2 pk.; pk., 75c.; \$1.25 per 1/2 bu.; bu., \$2.00.
- Bull Dog Clips.** For fastening packages, etc., \$1.25 per box.
- Carnation Bands (Rubber).** For mending bursted calyx. 30c. per oz.; 1/4 lb., \$1.00.
- Carnation Clips (Bawrs).** For mending carnations. \$1.00 per 1000.
- Carnation Staples (Wire).** 50c. per 1000.
- Celery Tape.** Fast red, in 1000-yard spools, \$5.25.
- Charcoal (Lump).** For use in potting. Pk., 65c.; \$1.50 per bu.; bbl. sack, \$2.50.
- Charcoal (Ground).** Coarse, fine and powdered. Per lb., 8c.; 35c. per 5 lbs.; 10 lbs., 60c.; \$1.25 per 25 lbs.; 100 lbs., \$4.00.
- Glass Cleaner.** \$2.75 gal.; 5 gals., \$11.00.
- Grafting Wax.** 1/4 lb., 15c.; 25c. per 1/2 lb.; lb., 45c.
- Moss (Green Lump).** Pk., 60c.; \$1.75 per bu.; bbl. bag, \$3.25.
- Moss (Green Sheet).** 1/2 pk., 40c.; 70c. per pk.; bu., \$2.00; \$3.50 per sack.
- Moss (Sphagnum, dry).** Bbl. bags, \$1.50; \$4.00 per large bale.
- Moss (Sphagnum, live).** Pk., 50c.; \$1.50 per bu.; bbl., \$3.25.
- Peat or Leaf Mould.** Pk., 50c.; \$1.50 per bu.; bbl., \$3.25.
- Peat (Orchid).** Pk., 75c.; \$1.75 per bu.; bbl. bag, \$3.25.
- Pebbles.** Qt., 10c.; 75c. per pk.; bu., \$2.00; \$4.00 per bbl.
- Pruning Compound.** Per qt., 85c.; \$2.50 per gal.
- Sand.** For propagating. Per qt., 10c.; 40c. per pk.; bu., \$1.40; \$3.00 per bbl.
- Shadeline.** For shading greenhouse glass. 5 lbs., \$1.25; \$2.75 per 10 lb. can.
- Soil.** For potting. Qt., 10c.; 25c. per 1/2 pk.; pk., 40c.; \$1.50 per bu.; bbl., \$3.25.
- Tin Foil (Plain).** In 5- and 6-inch widths. 1-lb. pkgs., 25c.; 5 lbs. for \$1.20; 5-inch width in 5-lb. rolls, \$1.20. Green or violet in 1-lb. pkgs., 60c. per lb.
- Toothpicks.** Wired. 50c. per 1000; 10,000, \$3.75.
- Toothpicks.** 4-inch, wired, green; per 1000, \$1.00; \$3.75 per 4500.
- Toothpicks.** 6-inch, wired, green; per 1000, \$1.20; \$3.30 per 3000.
- Tree Paint (Target Brand).** Qt., 85c.; \$2.50 per gal.
- Weed Killer.** Qt., 55c.; 90c. per 1/2 gal.; gal., \$1.75; \$6.75 per 5 gals.; 30 gals., \$33.00; \$50.00 for 50 gals.
- Zementine.** For whitewashing and shading. 2 lbs., 40c.

- Ant Exterminator.** Per $\frac{1}{4}$ lb., 30c.; 50c. per $\frac{1}{2}$ lb.; lb., 80c.; \$3.25 per 5 lbs.
- Aphine.** For destroying aphids, green fly, thrip, red spider, etc. $\frac{1}{4}$ pt., 30c.; 45c. per $\frac{1}{2}$ pt.; pt., 70c.; \$1.15 per qt.; gal., \$3.25.
- Aphis Punk.** A paper that has been thoroughly saturated with nicotine. For use in greenhouses only. Per pkg. of 12 sheets, \$1.00; \$9.50 per case of 12 pkgs.
- Arsenate of Lead (Paste).** For spraying trees and shrubs against the attacks of leaf-biting insects of all kinds. Per lb., 40c.; \$1.75 per 5 lbs.; 10 lbs., \$2.75; \$5.75 per 25 lbs.; 50 lbs., \$10.00; \$18.50 per 100 lbs.
- Arsenate of Lead (Powdered).** Per lb., 50c.; \$2.25 per 5 lbs.; 10 lbs., \$4.00; \$9.00 per 25 lbs.; 50 lbs., \$15.00; \$27.50 per 100 lbs.
- Beetol Spra.** For destroying the Japanese Beetle, Rose Bugs and other insects. Per pt., \$1.00; \$1.75 per qt.; $\frac{1}{2}$ gal., \$3.00; \$5.00 per gal.
- Black Leaf 40.** Per 1 oz. bottle, 35c.; \$1.25 per $\frac{1}{2}$ lb.; 2 lbs., \$3.50; \$13.50 per 10 lbs.
- Bordeaux Arsenate (Paste).** A fungicide and insecticide, for fruit trees, potatoes, melons, cucumbers, etc.; also for mildew, black spots, etc., on roses. Per lb., 40c.; \$1.75 per 5 lbs.; 10 lbs., \$3.00; \$6.00 per 25 lbs.; 50 lbs., \$11.00; \$20.00 per 100 lbs.
- Bordo Lead (Powdered).** Per lb., 50c.; \$2.25 per 5 lbs.; \$4.25 per 10 lbs.; 25 lbs., \$9.25; \$16.50 per 50 lbs.; 100 lbs., \$30.00.
- Bordeaux Mixture (Paste).** Used principally for mildew, blight and fungus diseases. 50 lb. kegs, \$9.00.
- Bordeaux Mixture (Dry Form).** Per lb., 35c.; \$1.25 per 5 lbs.; 10 lbs., \$2.00; \$4.25 per 25 lbs.; 50 lbs., \$7.50; \$14.00 per 100 lbs.
- Bug Death.** Largely used instead of Paris Green. Per lb., 18c.; 45c. per 3 lbs.; 5 lbs., 75c.; \$1.50 per 12 $\frac{1}{2}$ lbs.; 100 lbs., \$3.75.
- Carbolineum.** A germicide and disinfectant for purifying poultry houses, stables, etc. Per gal., \$1.50; \$7.00 per 5 gals.
- Cleasel (Paterson's Concentrated).** A preparation for greenhouse and outdoor spraying for aphids, thrip, etc. Per pt., \$1.10; \$3.00 per $\frac{1}{2}$ gal.; gal., \$5.00.
- Copper Solution.** Excellent spray for carnation rust and diseases of the grape, pear, apple, etc. Per qt., \$1.50; \$4.00 per gal.
- Cyanegg.** For generating Hydrocyanic Acid Gas. Per lb., 85c.
- Dalmatian or Persian Powder.** Per $\frac{1}{4}$ lb., 40c.; 65c. per $\frac{1}{2}$ lb.; lb., \$1.25; \$5.75 per 5 lbs.
- Dy-Sect.** An effective insecticide for destroying aphids, green fly, red spider, rose bugs, etc. Per 4 oz. bottle, 30c.; \$1.00 per pt.; qt., \$1.75; \$3.25 per $\frac{1}{2}$ gal.; gal., \$6.00.
- Fish Oil Soap.** An excellent summer spray, when something stronger cannot be used, where San Jose Scale exists. 25c. per lb.; 5 lbs., \$1.00; \$1.75 per 10 lbs.; 25 lbs., \$3.75; \$6.00 per 50 lbs.; \$10.00 per 100 lbs.
- Fish Oil Soap (Good's Caustic).** Lb., 25c.; \$1.10 per 5 lbs.; 10 lbs., \$1.85; \$3.75 per 25 lbs.; 50 lbs., \$6.00; \$10.50 per 100 lbs.
- Fish Oil Soap (Rosin).** Per 5 lbs., \$1.50; \$2.75 per 10 lbs.; 25 lbs., \$4.50; \$7.50 per 50 lbs.; 100 lbs., \$12.50.
- Flyosan.** Kills flies and other insect pests; applied with a sprayer. Per pt., 75c.; \$1.25 per qt.; $\frac{1}{2}$ gal., \$2.25; \$4.00 per gal.
- Getz There Soap.** For washing palms, etc. 2 lbs., 65c.; \$1.75 for 8 lbs.; 25 lbs., \$5.00.
- Grape Dust.** A powder preparation used for mildew, aphids, black fly and other insects and fungous diseases, principally in greenhouse. Per 5 lbs., \$1.00; \$1.85 per 10 lbs.
- Hellebore.** For destroying rose bugs, currant worms, etc. $\frac{1}{4}$ lb., 20c.; 35c. per $\frac{1}{2}$ lb.; lb., 60c.; \$2.75 per 5 lbs.
- I X L Compound.** An English preparation for spraying. Kills mealy bug, red spider and all insect pests. Per gal., \$7.50.
- Kerosene Emulsion (Liquid) (Miscible Oil).** Dilutes 1 part to 20 parts of water. Per pt., 50c.; 85c. per qt.; gal., \$2.25.
- Lemon Oil Insecticide.** Effectually destroys mealy bug, scale, thrip and red spider. Per $\frac{1}{2}$ pt., 35c.; 60c. per pt.; qt., \$1.00; \$1.75 per $\frac{1}{2}$ gal.; gal., \$3.00; \$12.00 per 5-gal. keg.
- Lime Sulphur.** For scale insects on trees and shrubs, and such fungous diseases as can be treated in winter or early spring. Per qt., 55c.; \$1.25 per gal.; 5 gals., \$4.25; \$11.50 per $\frac{1}{2}$ bbl. (30 gals.); per bbl. (50 gals.), \$15.00.
- Lime Sulphur (Dry Powder Form).** Lb., 35c.; \$1.40 per 5 lbs.; 10 lbs., \$2.25; \$4.75 per 25 lbs.; 50 lbs., \$7.75; \$15.00 per 100 lbs.
- Lotol.** A complete concentrated contact remedy for Aphids and many other insect pests. Per 1 oz. tube, 35c.; 75c. per 3 oz. tube; $\frac{1}{2}$ lb. can, \$1.25; \$2.25 per 1 lb. can.
- Mag-O-Tite.** Protects crops against the ravages of the root maggot and other garden pests. Per 2 lb., 40c.; 65c. per 4 lbs.; 8 lbs., \$1.10; \$3.00 per 25 lbs.
- Melrosine.** An efficient Rose Bug remedy. Per 6 ozs., 50c.; \$1.00 per pt.; qt., \$1.75; \$3.25 per $\frac{1}{2}$ gal.; per gal., \$6.00.
- Mo Lo.** For destroying and driving away moles. Per pkg., 25c.
- Nico-Fume (Liquid).** For use as a spray or vapor. Per $\frac{1}{4}$ lb., 85c.; \$2.50 per lb.; 4 lbs., \$8.50; \$16.00 per 8 lbs.
- Nico-Fume Paper.** A paper treated with nicotine, giving off dense fumes of strong nicotine when ignited. Per box of 24 sheets \$1.50; \$5.75 for 144 sheets; 288 sheets, \$10.50.
- Nico-Fume Tobacco Powder (Fumigator).** For fumigating greenhouses. Per lb. can, \$1.35; \$5.00 for 5 lbs.; 10 lbs., \$9.00.
- Nicotine (Hall's) (40%).** Per $\frac{1}{2}$ lb., \$1.50; \$4.75 per 2 lbs.; 8 lbs., \$16.00.
- Nicotine Fumigator (Hall's) (12 $\frac{1}{2}$ %).** Per 1 lb. size, \$1.35; \$2.75 per 2 $\frac{1}{2}$ lb. size; 10 lb. size, \$9.00.
- Nikoteen (30% solution).** One of the best forms of tobacco or nicotine preparations. Per oz., 25c.; 45c. per 1 $\frac{1}{4}$ oz.; $\frac{1}{2}$ lb., \$1.35; \$2.25 per lb.; 4 lbs., \$7.50; \$13.50 per 8 lbs.
- Paris Green.** Per $\frac{1}{4}$ lb., 18c.; 35c. per $\frac{1}{2}$ lb.; lb., 60c.; \$2.75 per 5 lbs.; \$6.50 per 14 lbs.
- Para-Dichlorobenzine.** For peach tree borers. Per 1 lb. can, 65c.; \$2.75 per 5 lb. can; 10 lb. can, \$5.00; \$11.50 per 25 lb. keg; 50 lb. keg, \$21.00; \$38.00 per 100 lb. keg.
- Pyrox (Bowker's).** A combined insecticide and fungicide for all leaf eating insects, blights and fungus troubles. Per lb., 50c.; \$2.00 per 5 lbs.; 10 lbs., \$3.50; \$7.00 per 25 lbs.; 50 lbs., \$12.50; \$21.00 per 100 lbs.; 300 lbs., \$58.50.
- Rat Corn.** For destroying rats and mice in green houses, hotbeds, etc. 25c., 50c. and \$1.00 per box.
- Readeana Rose Bug Exterminator.** Used for destroying rose bugs, green fly, mealy bug, blight, mildew, etc. Per 4 oz. can, 25c.; 50c. per 8 oz.; 24 oz., \$1.00; \$4.00 per gal.
- Scalecide.** Used for the destruction of the San Jose Scale. Spray during the winter or early spring when the trees are dormant. Per qt., 60c.; \$1.50 per gal.; 5 gals., \$6.45; \$11.00 per 10 gals.; 30 gals., \$27.00; \$39.50 per 50 gals.
- Shoo Fly.** For keeping flies off cattle and horses. Per qt., 50c.; \$1.50 per gal.
- Slug Shot.** Per 1-lb. canister, 18c.; 60c. per 5 lbs.; 10 lbs., \$1.20; \$2.75 per 25 lbs.; 100 lbs., \$11.00; full barrel lots (about 250 lbs.), 10c. per lb.
- Soap Spray (Imp.).** Per pt., 65c.; \$1.00 per qt.; gal., \$3.00; \$12.00 per 5 gals.; 10 gals., \$22.50.
- Sulco-V. B.** Will control San Jose and other scale insects, and many species of plant lice and fungus diseases. Pt., 35c.; 60c. per qt.; $\frac{1}{2}$ gal., \$1.10; \$2.00 per gal.; 5 gal., \$7.00.
- Sulphur Candles.** Large, 25c. each; per doz., \$2.75; small, 15c. each; per doz., \$1.65.
- Sulphate of Copper.** Per lb., 15c.; 65c. per 5 lbs.; 10 lbs., \$1.20; \$2.75 per 25 lbs.; 100 lbs., \$10.00.
- Sulphur.** Per lb., 10c.; 45c. per 5 lbs.; 10 lbs., 85c.; \$2.00 per 25 lbs.; 100 lbs., \$7.50.
- Thrip Juice (Hammond's No. 2).** Per pt., 85c.; \$1.40 per qt.; gal., \$4.25.
- Tobacco Dust (for dusting only).** Per 1 lb. can, with sifter top, 25c.; 40c. per 5 lbs.; 10 lbs., 60c.; \$1.35 per 25 lbs.; 50 lbs., \$2.50; \$4.75 per 100 lbs.
- Tobacco Dust (special dusting or fumigating).** A specially prepared article. Per lb., 10c.; 45c. per 5 lbs.; 10 lbs., 85c.; \$1.75 per 25 lbs.; 50 lbs., \$3.25; \$6.00 per 100 lbs.
- Tobacco Soap (Sulpho).** For washing and spraying plants; dissolve in warm water. Per 3 oz., 15c.; 25c. per 6 oz.
- Tobacco Stems (Fresh).** Per lb., 15c.; 60c. per 5 lbs.; bushel, \$1.00; \$1.75 per bbl. sack; large bales at 2 $\frac{1}{2}$ c. per lb.; $\frac{1}{2}$ ton, \$17.00; \$32.00 per ton.
- Tobacco Stems (Shredded).** Per 5 lbs., 25c.; 45c. per 10 lbs.; 25 lbs., \$1.00; \$1.75 per 50 lbs.; 100 lbs., \$3.00; \$13.00 per 500 lbs.; 1000 lbs., \$25.50; \$50.00 per ton.
- Tree Tanglefoot.** A paste preparation for painting around the trunks of trees, in the form of a band. Per lb., 50c.; \$2.40 per 5 lbs.; 10 lbs., \$4.50; \$8.75 per 20 lbs.; 25 lbs., \$9.25.
- Wilson's O. K. Plant Spray.** An efficient insecticide for inside and outside spraying. Per gal., \$3.25.
- Worm Killer (for Earth Worms).** A powder which is distributed over a given surface and soaked with water, which causes the worms to come to the surface, where they may be destroyed. It acts as a fertilizer as well as worm destroyer. Per 100 lb. bag, \$6.00; \$27.50 per 500 lbs.; 1000 lbs., \$47.50; \$90.00 per 2000 lbs.
- Zenoleum.** A germicide and disinfectant. Per $\frac{1}{2}$ pt., 35c.; 75c. per qt.; $\frac{1}{2}$ gal., \$1.25; \$2.00 per gal.; 5 gal. can, \$9.50.

Lamps for Vaporizing Nicotine Solutions. 85c. each.

All prices on Fertilizers subject to market changes.

If small quantities of Fertilizers listed are wanted by parcel post, please add for postage as follows: 10c. for 2 lbs.; 15c. for 5 lbs.; 25c. for 10 lbs.

- Acid or Rock Phosphate** (16 per cent.). Apply 1000 lbs. per acre. \$3.25 per 200 lbs.; $\frac{1}{2}$ ton, \$13.50; \$23.00 per ton.
- Alphano Inoculant.** A soil bacteria used in growing legumes. 1-acre size (2 lbs.), \$1.00; per 10-acre size (20 lbs.), \$8.00.
- Anti-Clover Fertilizer** (*Michell's*). Prevents the growth of White Clover on Golf Courses. 200 lb. bags only. \$8.00 per 200 lbs.; 1000 lbs., \$37.00; \$72.00 per ton.
- Ashes, Hard Wood.** Apply 1000 lbs. per acre. Per 25 lbs., 85c.; \$1.50 per 50 lbs.; 100 lbs., \$2.50; \$4.25 per 200-lb. bbl.; 1000 lbs., \$18.00; per ton, \$35.00.
- Asparagus Fertilizer.** Apply 800 lbs. per acre. 25 lbs., \$1.00; \$1.75 per 50 lbs.; 100 lbs., \$3.00; \$5.00 per 200 lbs.; 1000 lbs., \$22.50; ton, \$40.00.
- Bacteria, Farmogerm.** For all legumes. When ordering, please state for what crop you desire to use it. Price, trial size (for Beans, Peas and Sweet Peas), 50c.; 1-acre size, \$1.00; 3-acre size, \$2.50; 12-acre size, \$9.00.
- Bacteria, Mulford Culture.** For inoculating clovers and other legumes. 35c. per trial bottle; $\frac{1}{4}$ acre size, 75c.; \$1.50 per acre size; 5 acre size, \$5.00.
- Blood (Dried).** For indoor culture of flowering plants, like roses, carnations, etc. 5 lbs., 60c.; \$1.00 per 10 lbs.; 25 lbs., \$2.00; \$3.50 per 50 lbs.; 100 lbs., \$6.75; \$12.00 per 200 lbs.
- Blood Flour.** Similar to dried blood, excepting it is finer. 5 lbs., 65c.; \$1.10 per 10 lbs.; 25 lbs., \$2.25; \$4.00 per 50 lbs.; 100 lbs., \$7.25; \$14.00 per 200 lbs.
- Bon Arbor.** A concentrated chemical fertilizer used in liquid or powder form. Per lb., 65c.; \$3.00 per 5 lbs.
- Bone (Coarse Ground).** Apply 800 to 1000 lbs. per acre. 200 lbs., \$8.50; \$37.50 per 1000 lbs.; per ton, \$70.00.
- Bone Flour.** Finely pulverized and bolted. For rose growing this cannot be excelled. Apply 600 lbs. per acre. 5 lbs., 50c.; 85c. per 10 lbs.; 25 lbs., \$1.50; \$2.75 per 50 lbs.; 100 lbs., \$5.00; \$8.50 per 200 lbs.; 1000 lbs., \$37.50; \$70.00 per ton.
- Bone Meal** (*Michell's Special Grade*). We recommend this especially for lawns, gardens and greenhouses, or any purpose where a high-class fertilizer counts. Apply 800 to 1000 lbs. per acre. 3 lbs., 25c.; 35c. for 5 lbs.; 10 lbs., 60c.; \$1.40 for 25 lbs.; 50 lbs., \$2.50; \$4.00 per 100 lbs.; 200 lbs., \$7.50; \$32.50 per $\frac{1}{2}$ ton; ton, \$60.00.
- Carnation Food** (*Springfield*). Invigorates the root action of the plants and produces a natural growth. Per 100 lbs., \$6.50.
- Chrysanthemum Manure** (*Thompson's Special*). Used and recommended by the leading private gardeners of England and America. Per 28-lb. sack, \$4.00; \$7.00 per 56-lb. sack.
- Clay's Fertilizer.** An English chemical fertilizer, for forcing greenhouse plants and vegetables. 28 lbs., \$3.75; \$6.25 per 56 lbs.; 112 lbs., \$12.00.
- Cotton Seed Meal.** Apply 800 lbs. per acre. Excellent as a grass and grain fertilizer. 5 lbs., 35c.; 60c. for 10 lbs.; 25 lbs., \$1.25; \$2.25 for 50 lbs.; 100 lbs., \$4.25; \$7.75 per 200 lbs.; 1000 lbs., \$36.00; \$70.00 per ton.
- Cow or Cattle Manure (Shredded).** Apply 1000 lbs. per acre. \$3.50 per 100 lbs.; 500 lbs., \$16.25; \$30.00 per 1000 lbs.; ton, \$55.00.
- Cow or Cattle Manure (Pulverized).** \$3.50 per 100 lbs.; 500 lbs., \$16.25; \$30.00 per 1000 lbs.; ton, \$55.00.
- Grass and Grain Fertilizer** (*Michell's*). Splendid for top dressing. Apply 800 to 1000 lbs. per acre. 200 lbs. for \$5.50; \$25.00 per 1000 lbs.; per ton, \$45.00.
- Grass Grower** (*Michell's Odorless*). Highly desirable for Fairways and Putting Greens. In friction top cans, 10 lbs. net, \$1.00; \$7.50 per 200 lb. bag; 1000 lbs., \$37.00; \$70.00 per ton.
- Hog Manure (Pulverized).** Put up and sold in 100-lb. bags only; splendid for forcing vegetables and flowering plants, increasing size and yield. Per 100 lbs., \$3.75; \$16.50 for 500 lbs.
- Horn Shavings.** Used principally for mixing in potting soil; especially valuable in chrysanthemum growing. 5 lbs., 65c.; \$1.10 for 10 lbs.; 25 lbs., \$2.00; \$3.75 for 50 lbs., 100 lbs., \$7.00.
- Humus (Alphano Prepared).** An excellent article to incorporate with poor soil in the garden, greenhouse or in potting plants. Price, f. o. b., Philadelphia, 5 lbs., 35c.; 60c. for 10 lbs.; 25 lbs. for 80c.; \$2.25 per 100 lbs.; 500 lbs., \$10.00; \$15.00 per 1000 lbs.; 2000 lbs., \$25.00. Special prices quoted f. o. b. Alphano, N. J.
- Humus (Natural).** Excellent for top dressing lawns and golf course construction. Price in car lots only, \$6.00 per ton; f. o. b. Alphano, N. J.
- Kainit (Potash Salts).** Apply 800 to 1000 lbs. per acre. Excellent for top dressing asparagus beds, etc. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., 90c.; \$1.50 per 100 lbs.; 200 lbs., \$2.75; \$12.00 per 1000 lbs.; ton, \$22.00.
- Land Plaster.** Apply 1500 to 2000 lbs. per acre. 40c. for 10 lbs.; 25 lbs., 85c.; \$1.25 for 50 lbs.; 100 lbs., \$2.00; \$3.75 for 200 lbs.; $\frac{1}{2}$ ton, \$16.00; \$30.00 per ton.
- Lawn Sand.** A weed destroyer as well as a fertilizer. 3 $\frac{1}{2}$ lb. tin, 75c.; \$1.35 for 7 lbs.; 14 lbs., \$2.50; \$4.00 per 28 lbs.; 56 lbs., \$6.50; \$12.50 per 112 lbs.
- Lime (Hydrated or Powdered).** Apply one ton per acre. 45c. per per 10 lb. box; 125 lb. sack, \$2.25; \$8.00 per 500 lbs.; 1000 lbs., \$14.00; \$27.00 per ton.
- Limestone (Pulverized).** Apply one ton per acre. Per 100 lbs., \$1.50; \$6.00 per 500 lbs.; 1000 lbs., \$10.00; \$17.50 per ton.
- Manure (Fresh Horse, Stockyard and Cow).** At short notice we can usually supply first-class horse, cow and stockyard manure in carload lots only. Prices on request.
- Muriate of Potash.** Apply 100 to 150 lbs. per acre, usually with other fertilizers. Analysis, equal to 50 per cent. actual potash. 5 lbs., 45c.; 75c. per 10 lbs.; 25 lbs., \$1.50; \$2.50 for 50 lbs.; 100 lbs., \$4.75; \$8.00 for 200 lbs.; 1000 lbs., \$37.00; \$70.00 per ton.
- Nitrate of Soda.** Apply 100 to 150 lbs. per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. 5 lbs., 45c.; 85c. per 10 lbs.; 25 lbs., \$1.50; \$2.75 per 50 lbs.; 100 lbs., \$4.75; \$9.50 per 200 lbs.; 1000 lbs., \$45.00; \$80.00 per ton.
- Phosphate (Michell's High-Grade).** For all vegetable crops, grains, grass, etc. Apply 800 to 1000 lbs. per acre. 5 lbs., 30c.; 55c. per 10 lbs.; 25 lbs., \$1.25; \$1.75 per 50 lbs.; 100 lbs., \$3.00; \$5.50 per 200 lbs.; $\frac{1}{2}$ ton, \$25.00; \$45.00 per ton.
- Phosphate for Corn** (*Michell's*). Apply 800 lbs. per acre. \$5.00 for 200 lbs.; per $\frac{1}{2}$ ton, \$21.00; \$38.00 per ton.
- Plant Food** (*Michell's*). A highly concentrated chemical fertilizer for house, garden or conservatory. Analysis: Nitrogen, 2 $\frac{1}{2}$ %; available phosphoric acid, 7%; potash, 2%. Per 5 oz. pkg., 20c. (by mail, 25c.); 30c. per 12 oz. pkg. (by mail, 35c.).
- Plant Life** (*Zenke's*). A liquid plant food, tonic and fertilizer. Per 8 oz., 30c. (by mail, 35c.); \$3.50 per gal.
- Potato Fertilizer** (*Michell's*). Apply 800 to 1000 lbs. per acre. 25 lbs., \$1.25; \$2.00 per 50 lbs.; per 100 lbs., \$3.00; \$5.50 per 200 lbs.; per $\frac{1}{2}$ ton, \$25.00; \$45.00 per ton.
- Poultry Manure** (*Pulverized*). A splendid fertilizer rich in ammonia and nitrogen. Per lb., 15c.; 25c. per 2 lbs.; 5 lbs., 35c.; 65c. per 10 lbs.; 25 lbs., \$1.00; \$1.75 per 50 lbs.; 100 lbs., \$3.50.
- Rose Food** (*Springfield*). Rich in fertilizing elements for roses. Per 100 lb. bag, \$5.00.
- Salt.** For asparagus beds and putting on walks and roads to kill weeds. Apply 800 lbs. per acre in early spring. 25 lbs. for 75c.; \$1.25 for 50 lbs.; \$2.00 per 100 lbs.; 200 lbs., \$3.25; \$13.00 per 1000 lbs.; ton, \$25.00.
- Sheep Manure** (*Wizard Brand*). Apply 1000 lbs. per acre. For garden, lawn or greenhouse use, nothing surpasses sheep manure; gives quick results. 2 lbs., 25c.; 40c. per 5 lbs.; 10 lbs., 65c.; \$1.25 per 25 lbs.; 50 lbs., \$2.00; \$3.50 per 100 lbs.; 500 lbs., \$16.50; \$30.00 per 1000 lbs.; per ton, \$55.00.
- Soot** (*Imported Scotch*). This is used principally for bringing a good healthy color into the foliage of greenhouse plants. 5 lbs., 75c.; \$1.25 per 10 lbs.; 25 lbs., \$2.00; \$7.00 per 112 lbs.
- Stim-U-Plant.** A plant food in tablet form. Per pkg. of 30 tablets, 25c.; 75c. per pkg. of 100 tablets; 1000 tablets, \$3.50.
- Sulphate of Ammonia.** Apply 75 to 100 lbs. per acre only with other fertilizers deficient in nitrogen. Analysis equal to 25 per cent. of ammonia. 5 lbs., 65c.; \$1.15 per 10 lbs.; 25 lbs., \$2.00; \$3.50 per 50 lbs.; 100 lbs., \$6.00; \$11.00 per 200 lbs.
- Sulphate of Potash.** Apply 100 to 125 lbs. per acre, usually with other fertilizers. 5 lbs., 40c.; 70c. per 10 lbs.; 25 lbs., \$1.50; \$2.75 per 50 lbs.; 100 lbs., \$5.00; \$9.00 per 200 lbs.
- Tankage.** Usually applied to plants such as roses, etc., under glass. 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., \$1.25; \$2.00 per 50 lbs.; 100 lbs., \$3.75; \$6.75 per 200 lbs.
- Tobacco Stems.** 60c. for 5 lbs.; bu., \$1.00; \$1.75 per bbl. sack; large bales at 2 $\frac{1}{2}$ c. per lb.; $\frac{1}{2}$ ton, \$17.00; \$32.00 per ton.
- Tobacco Stems (Shredded).** Per 5 lbs., 25c.; 45c. per 10 lbs.; 25 lbs., \$1.00; \$1.75 per 50 lbs.; 100 lbs., \$3.00; \$13.00 per 500 lbs.; 1000 lbs., \$25.50; \$50.00 per ton.
- Wheat Fertilizer.** For grass and grain crops. Apply 800 lbs. per acre. \$5.25 per 200 lbs.; $\frac{1}{2}$ ton, \$23.75; \$45.00 per ton.

MICHELL'S FLOWER POTS, TUBS, ETC.

Orchid Pan Earthen Fern Pan Fern Dish Liner Seed Pan Wood Fibre Flower Vase



Cedar Tub Keystone Tub Earthen Flower Pot Azalea Pot Earthen Bulb Pan Earthenware Saucer Wood Fibre Saucer Rolling Stand

CEDAR TUBS

Equipped with Strong Iron Handles

These are made by hand, of the very best white cedar, painted green, bound with black iron hoops.

No.	Inside Diam.	Each
No. 0	24 3/4 in.	\$13.95
No. 1	23 3/8 "	12.40
No. 2	21 3/8 "	11.05
No. 3	18 1/8 "	9.00
No. 4	16 1/2 "	7.30
No. 5	14 7/16 "	6.90
No. 6	12 7/16 "	5.25
No. 7	11 3/4 "	4.65
No. 8	10 1/16 "	4.00

MICHELL'S KEYSTONE

PLANT TUBS

Made of white cedar, painted green and bound with strong electric welded wire hoops, which do not rust. Handles are sold separately at 30c. per pair, not attached to tub.

No.	Inside Diam.	Depth	Each
No. 1	6 in.	6 in.	\$0.90
No. 2	7 "	7 "	.95
No. 3	8 "	8 "	1.00
No. 4	9 "	9 "	1.10
No. 5	10 "	9 "	1.20
No. 6	11 "	10 "	1.60
No. 7	12 "	11 "	1.90
No. 8	13 "	12 "	2.40
No. 9	14 "	13 "	2.75
No. 10	15 "	14 "	2.95
No. 11	16 "	15 "	3.40
No. 12	17 "	16 "	3.95
No. 13	18 "	17 "	4.65
No. 14	19 "	18 "	5.65

PAPER FLOWER POTS

Ins. Diam.	P. Post	Doz. per doz.	P. Post	per 100	1000
2 1/4	\$0.12	\$0.17	\$0.50	\$0.60	\$4.45
2 1/2	.15	.20	.60	.70	5.15
3	.18	.23	.80	.90	7.05
3 1/2	.20	.25	1.00	1.10	9.15
4	.25	.30	1.30	1.45	11.40
5	.30	.35	2.00	2.20	17.75
6	.45	.55	2.70	3.00	21.75

AZALEA POTS

Diam.	Depth	Each	Doz.	100
5 in.	4 1/2 in.	\$0.07	\$0.65	\$4.86
6 "	5 "	.09	.98	7.29
7 "	6 "	.15	1.62	12.15
8 "	7 "	.22	2.34	17.55
9 "	7 1/2 "	.33	3.60	27.00
10 "	8 "	.45	4.86	36.45
12 "	10 "	.91	9.90	74.25

FERN DISH LINERS

Very shallow, for inside of fancy silver or porcelain ferneries.

Width	Depth	Each	Doz.	100
7 in.	1 7/8 in.	\$0.22	\$2.16	\$14.40

SEED PANS (Earthenware)

	Each	Doz.
6 inches square	\$0.83	\$9.00
8 "	1.11	12.06
10 "	1.38	15.12
12 "	1.65	18.00

EARTHEN BULB PANS

	Each	Doz.	100
6 inches diam.	\$0.09	\$0.98	\$7.29
7 "	.15	1.62	12.15
8 "	.22	2.34	17.55
9 "	.33	3.60	27.00
10 "	.45	4.86	36.45
12 "	.91	9.90	74.25
14 "	1.48	16.20	121.50

WOOD FIBRE FLOWER VASES

No.	Diam.	Depth	Each	P. Post	Doz.
0	8 in.	13 in.	\$1.65	\$1.80	\$18.60
1	5 1/2 "	10 "	1.40	1.50	16.20
2	4 1/2 "	9 "	1.25	1.35	14.40
3	4 "	6 "	1.10	1.20	12.60
4	3 "	4 1/2 "	.90	1.00	10.20
11	5 "	18 "	1.95	2.10	22.00
22	4 1/2 "	15 "	1.75	1.85	20.00
33	4 "	12 "	1.60	1.70	18.00
44	3 "	9 "	1.25	1.35	14.00

CUT FLOWER VASES

(Galvanized Iron)

No.	Top Diam.	Depth	Cap.	Each
65	7 1/2 in.	8 in.	8 Qt.	\$0.50
66	8 3/4 "	10 "	10 "	.65
67	7 3/4 "	12 "	12 "	.75
68	8 3/4 "	12 1/2 "	14 "	.85
69	8 3/4 "	18 "	16 "	1.00

EARTHEN FLOWER POTS

Height and Width inside	Each	Doz.	100
1 inch	\$0.02	\$0.17	\$1.22
2 "	.02	.18	1.02
2 1/4 "	.02	.18	1.16
2 1/2 "	.02	.18	1.35
3 "	.03	.24	1.76
3 1/2 "	.03	.29	2.16
4 "	.04	.36	2.70
4 1/2 "	.06	.49	3.65
5 "	.07	.65	4.86
5 1/2 "	.08	.81	6.08
6 "	.09	.98	7.29
6 1/2 "	.13	1.30	9.72
7 "	.15	1.62	12.15
8 "	.22	2.34	17.55
9 "	.33	3.60	27.00
10 "	.45	4.86	36.45
11 "	.66	7.20	54.00
12 "	.91	9.90	74.25
14 "	1.48	16.20	121.50

EUREKA POT HANGERS

20c. each; doz., \$2.00 (by mail, \$2.10); \$12.50 per 100.

KRICK POT HANGERS

No.	Each	Doz.	P. Post
No. 1	\$0.07	\$0.70	\$0.80
No. 2	.08	.80	.90
No. 3	.09	.90	1.00

WOODEN ORCHID BASKETS (Square)

	Each	Doz.
4 inch	\$0.50	\$5.00
10 "	.75	7.50
12 "	1.00	10.00

EARTHEN FERN PANS

Width	Height	Each	Doz.	100
4 in.	1 7/8 in.	\$0.06	\$0.54	\$4.05
4 3/4 "	2 1/8 "	.07	.72	5.40
5 1/2 "	2 1/4 "	.09	.90	6.75
6 1/4 "	2 1/2 "	.10	1.08	8.10
7 "	2 5/8 "	.12	1.26	9.45
8 "	3 3/8 "	.17	1.80	13.50
9 "	3 1/4 "	.20	2.16	16.20

EARTHENWARE SAUCERS

	Each	Doz.	100
4 inches	\$0.03	\$0.27	\$2.03
5 "	.04	.36	2.70
6 "	.06	.54	4.05
7 "	.07	.72	5.40
8 "	.10	.99	7.43
9 "	.14	1.35	10.13
10 "	.15	1.62	12.15
11 "	.19	1.98	14.85
12 "	.23	2.43	18.23
14 "	.37	4.05	30.38

WOOD FIBRE SAUCERS

Extremely desirable on account of being absolutely waterproof.

	Each	P. Post	Doz.
5 inches	\$0.32	\$0.38	\$3.60
6 "	.34	.40	3.90
7 "	.37	.43	4.20
8 "	.39	.45	4.50
9 "	.43	.49	4.90
10 "	.46	.52	5.30
12 "	.55	.63	6.30
14 "	.74	.82	8.40
16 "	1.31	1.41	15.00
18 "	1.52	1.62	17.40
20 "	1.95	2.07	22.00

RUBBER SAUCERS

	Each	P. Post	Doz.	100
6 inch	\$0.15	\$0.21	\$1.50	\$11.00
7 "	.25	.31	2.25	15.00

NOTE—Earthenware cannot be packed for shipment by Parcel Post.



MICHELL'S LIQUID WEED KILLER

An effective combination of high-grade chemicals which, diluted in water, destroys the roots as well as the tops of all weeds and vegetation to which it is applied.

One gallon diluted is sufficient to cover 100 to 125 square yards, and one or two applications are sufficient for an entire season. Does not injure marble, cement or fencing. The best time for applying is just after a rain.

Prices of Michell's Weed Killer

Per quart, makes 41 quarts.....	\$0.55
Per 1/2 gallon, makes 20 1/2 gallons.....	.90
Per gallon, makes 41 gallons.....	1.75
Per 5-gallon can, makes 205 gallons.....	6.75
Per 30-gallon can, makes 1230 gallons.....	33.00
Per 50-gallon can, makes 2050 gallons.....	50.00

MICHELL'S LAWN SAND

FOR USE ON LAWNS AND GRASS PLOTS

"Lawn Sand" is a unique combination of finely ground chemicals, which when sprinkled over the grass, possess the remarkable property of destroying Moss, Chickweed, Plantains, Dandelion, and all other weeds on Lawns, Tennis Courts, Golf Greens, etc., at the same time promoting the growth of the finer grasses.

"Lawn Sand" may be applied any time during the growing season of the year namely, from beginning of April to the end of October.

The lawn must be absolutely dry; by that is meant that no rain or dew must be visible on the grass.

Ten to twelve a. m. during the months of April, May and October, nine to twelve a. m. during June, July, August and September are the best hours for application.

Only apply in fine weather when the temperature is fairly high and when no rain appears likely for a day or two. This is most important.

After applying, the weeds blacken and die; the grass usually also becomes blackened and may remain so for a few days, but it quickly recovers its color, and young growths appear on the bare spots previously occupied by the weeds.

Should the weather be very hot and dry, the lawn should be thoroughly watered at the expiration of 48 hours after the application.

It acts as one of the most powerful fertilizers for grasses if applied as a top-dressing in the early spring. For top dressing as a fertilizer apply 1/4 ton per acre.

Quantity Required as a Weed Destroyer

	Price
3 1/2 lbs. will dress 150 square feet....	\$0.75
7 lbs. will dress 250 square feet....	1.35
14 lbs. will dress 500 square feet....	2.50
28 lbs. will dress 1000 square feet....	4.00
56 lbs. will dress 2000 square feet....	6.50
112 lbs. will dress 4000 square feet....	12.50

Allow for Postage if desired by Mail

MICHELL'S IMPROVED GRAPE BAGS



Thousands of bunches of grapes are wasted annually because they are not protected against the ravages of insects, birds, etc. Michell's Improved Grape Bags are economical, easily attached and last a season. The fruit ripens just as readily in them as it does in the open. The bags should be attached when the grapes are the size of a pea, prior to which it is suggested that they be sprayed (even though not affected), against blight or fungus; the bags should be left attached until the fruit is ready to harvest.

If desired by mail please add for postage to the prices below as noted.

		P.Post	
		per 100	1000
2 lb. size.....	\$0.60	\$0.70	\$5.00
3 lb. size.....	.70	.80	5.75
4 lb. size.....	.75	.85	6.50

ERADO WEED GUN

As handy as a cane, which it resembles. Fill the reservoir, which holds about 2 quarts of liquid, with some weed destroying preparation, diluted. It will destroy weeds of all kinds in lawns without hurting the grass. Press the sharp point of the gun into the heart of the weed until the flat stay pieces touch the ground, when a quantity sufficient to kill is discharged into the heart of the plant which is destroyed for all time. Galvanized iron. (See cut.) Price, \$1.15 (by mail, \$1.30).



ALL PRICES SUBJECT TO MARKET CHANGES

HENRY F. MICHELL CO., 518-516 MARKET ST., PHILADELPHIA, PA.